

TM 9-1005-212-12P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**OPERATOR AND ORGANIZATIONAL
MAINTENANCE REPAIR PARTS
AND SPECIAL TOOL LISTS**

**MACHINE GUNS,
CALIBER .30, M1917A1, M1919A4,
AND M1919A6; MOUNTS, TRIPOD,
MACHINE GUN, M1917A1 AND M2;
AND MOUNT, TRIPOD,
MACHINE GUN—RIFLE, M74**



**HEADQUARTERS, DEPARTMENT OF THE ARMY
JULY 1964**

TAGO 5256-C—July

TECHNICAL MANUAL }
No. 9-1005-212-12P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 22 July 1964

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M1919A4 AND M1919A6; MOUNTS,
TRIPOD, MACHINE GUN, M1917A1 AND
M2; AND MOUNT, TRIPOD, MACHINE
GUN—RIFLE, M74**

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***This manual supersedes DA Supply Manual ORD 7 SNL A5, 23 April 1957, and DA Supply Manual ORD 7 SNL A6, 23 May 1957.**

SECTION I

INTRODUCTION

1. General

a. This manual is a list of items authorized for operator and organizational maintenance for caliber .30 machine guns M1917A1, M1919A4 and M1919A6; machine gun tripod mounts M1917A1 and M2; and machine gun—rifle tripod mount M74.

b. Section II is a list of basic issue items. It is composed of those items which make up the major end items of equipment, the tools and repair parts that are issued with the equipment and are required for stockage.

c. Section III is a list of repair parts and special tools which are required to be stocked by organizational maintenance units as their prescribed load. Also listed are additional items which may be required for performing organizational maintenance but are to be requisitioned, as required.

d. Section IV contains the maintenance allocation chart for the machine guns and mounts, listing all maintenance and repair operations authorized for all maintenance levels.

e. For prices of the items listed herein, see the appropriate supply manual of the SM 9-2 series.

Prices of items that are the responsibility of commodity commands may be obtained from appropriate type 2 supply manuals for those services.

f. Additional applications of items in this manual are listed in the supply manuals of the SM 9-3 series.

2. Requisition Notes

a. When requisitioning an item, the requisitioning agency will order the *listed* item. However, the commodity command will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

b. Requisitions for replacement of items that are the responsibility of commodity commands will be submitted to the commodity command indicated in column 1a, Materiel numerical code.

c. If the exact item requisitioned is not furnished or if other action is necessary, the exact nature of the action taken by the commodity command will be indicated by standard symbols on prescribed forms.

3. Explanation of Columns

a. *Source, Maintenance, and Recoverability Code (Col. 1).*

(1) *Materiel numerical code (col. 1a).* This column indicates the materiel numerical code, other than Ordnance materiel, assigned supply responsibility for the listed item. Commodity commands responsible for supply of items in this list are:

<i>Code</i>	<i>Type materiel</i>
3.....	Chemical Materiel
5.....	Engineer Materiel
10.....	Quartermaster Materiel
12.....	Adjutant General

- (2) *Source (col. 1b).* This column indicates the selection status and source for the listed item. Source codes used in this list are:

<i>Code</i>	<i>Explanation</i>
P.....	Applies to high mortality parts.
P1.....	Applies to low mortality parts.
M.....	Obtain by manufacturing.

- (3) *Maintenance level (col. 1c).* This column indicates the lowest maintenance level authorized to *install* the item. Maintenance level code used in this list is:

<i>Code</i>	<i>Explanation</i>
O.....	Organizational maintenance

- (4) *Recoverability (col. 1d).* This column indicates whether unserviceable items should be returned to the responsible commodity command for recovery or salvage. When no code is indicated, the item will be considered expendable and not recoverable. Recoverability code in this list is:

<i>Code</i>	<i>Explanation</i>
R.....	Items which are economically repairable at direct and general maintenance activities and are normally furnished by supply on an exchange basis.

b. Federal Stock No. (Col. 2). This column indicates the Federal stock number which has been assigned by the Cataloging Division, Defense Logistics Services Center.

c. Description (Col. 3). This column indicates the Federal item name (shown in capital letters) and any additional description required by supply operations.

The abbreviation "w/e" (with equipment) when used as a portion of the nomenclature, indicates that the end item (major item) includes equipment and repair parts issued with the item. The commodity command or manufacturer's part number is also included for reference.

d. Unit of Issue (Col. 4). This column indicates the quantity to be requisitioned.

e. Quantity Authorized (Col. 5, Section II). This column indicates the quantity of the listed item authorized for stockage to constitute the prescribed load.

f. Quantity Incorporated in Unit (Col. 5, Section III). This column indicates the total number of times the listed item is used in the end item (major item). Where no quantity is shown, reference should be made to the first appearance of the item as indicated in the "description" column.

g. 15-Day Maintenance Allowance Per Equipment Density Spread (Col. 6, Section III).

- (1) These columns list allowances which are based on the latest mortality data and are the estimated average quantity required for organizational maintenance to provide maintenance and supply support for selected equipment density spreads for a 15-day period under combat conditions.

Example 1: If the number of equipments supported is 5 the quantitative allowance would be selected from column 6(a) (1-6 equipments).

- (2) The quantitative allowance determined by (1) above constitutes one prescribed load for a 15-day period. This quantity must be on hand or on order at all times.
- (3) Units and organizations authorized additional prescribed loads will multiply the number of equipments supported by the number of prescribed loads and then use the appropriate equipment allowance column. An exception is made for those units and organizations required to have on hand, box or packaged prescribed load(s) pursuant to a special mission assignment. Such prescribed load(s) will be computed or selected separately from quantities authorized for stockage at permanent station.

Example 2: If the number of equipments supported is 5 and the number of prescribed loads is 2, the computation would be $5 \times 2 = 10$. The quantitative allowance would be selected from column 6(b) (7-20 equipments).

- (4) When an allowance is inclosed in parentheses, the item is designated as a "combat essential item of critical nature" and must be stocked at all times.
- (5) Subsequent changes to allowances will be limited as follows:
 - (a) No decrease in the stated quantity of Combat Essential Items is authorized.
 - (b) Decrease in the stated quantity, other than Combat Essential Items, are authorized to a minimum quantity of one.

- (c) Increase in the stated quantity are authorized for all items when justified by demand and usage experience.
- (d) Detailed procedures for performing these adjustments are prescribed in AR 735-35.
- (e) No change in the range (list of items contained herein) is authorized. If additional items are considered necessary, a recommendation should be forwarded to the preparing agency for exceptions or revision to the allowance list.

h. Illustration (Col. 6, Section II and Col. 7, Section III). This column indicates the figure number of the illustration that depicts the listed item. When more than one item appears on an illustration, the item number is also indicated.

4. Abbreviations and Symbols

a. Abbreviations.

blk-oxide fin.....	black oxide finish
cal.....	caliber(s)
cd-pltd.....	cadmium-plated
cham.....	chamfer
entr.....	container
dia.....	diameter
dr.....	drum
ext-teeth.....	external teeth
fl-hd.....	flat head
fl-fil-hd.....	flat fillister head
fl-pt.....	flat point
gal.....	gallon(s)
hd.....	head
hdl.....	handle(d)
hex-type.....	hexagon type
in.....	inch(es)
int-teeth.....	internal teeth
lb.....	pound(s)

lg.....	long (length)
max.....	maximum
min.....	minimum
NF.....	American National Fine Thread
No.....	number(s)
o/a.....	over-all
od.....	outside diameter(s)
oz.....	ounces
phos-ctd.....	phosphate-coated
qt.....	quart(s)
rd.....	round
S.....	steel
spl.....	spool
stk.....	stock
thk.....	thick(ness)
UNF.....	Unified Fine Thread
w.....	wide, width
w/.....	with
w/e.....	with equipment

b. Symbols.

*	Indicates repair parts which may be required to perform authorized maintenance but not authorized for stockage in the prescribed load. These parts are to be requisitioned, as required, for immediate use only.
()	Allowances inclosed in parentheses are "combat essential items". These items are of a critical nature and <i>must</i> be stocked at all times.
AR	Indicates item is to be requisitioned as required.
LAW	Weapons lubricating oil
P-C-111A	Carbon removing compound
PD 126	Solvent cleaning compound
PL special	General purpose lubricating oil
SD	Dry cleaning solvent

5. Suggestions and Recommendations

The direct reporting, by the individual user, of errors, omissions, and recommendations for improving

this manual is authorized and encouraged. DA Form 2028 (Recommended Changes to DA Publications) will be used for reporting these improvements. This form will be completed in triplicate, using pencil, pen, or typewriter, and will be forwarded direct to Commanding General, U.S. Army Weapons Command, ATTN: AMSWE-SMM-P, Rock Island Arsenal, Rock Island, Ill. 61202.

SECTION II

BASIC ISSUE ITEMS

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quan- tity au- thor- ized	(6) Illustration	
(a) Mate- riel nume- rical code	(b) Source	(c) Main- te- nance level	(d) Re- cover- ability					(a) Figure No.	(b) Item No.
MAJOR ITEMS The major items listed below are req- uisitioned for initial issue only.									
			R	1005-672-1640	MACHINE GUN, CALIBER .30: M1917A1 Browning, w/e (6721640).	1	----	1	
			R	1005-672-1643	MACHINE GUN, CALIBER .30: M1919A4 Browning, flexible, w/e (6721643).	1	----	2	

R	1005-672-1649	MACHINE GUN, CALIBER .30: M1919A6 Browning, w/e (6721649).	1	...	3
R	1005-611-6005	MACHINE GUN, CALIBER .30: M1919A6 Browning, w/chrome plated trunnion, block, w/e (8429944).	1		
R	1005-673-4188	MOUNT, TRIPOD, MACHINE GUN: cal .30, M1917A1, w/e (6734188).	1		4
R	1005-322-9718	MOUNT, TRIPOD, MACHINE GUN: cal .30, M2, w/e (8412111).	1	---	5
R	1090-317-2424	MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74, w/e (8408622).		-----	6

COMPONENTS OF MAJOR ITEMS

The items listed below are issued as components of the major items for initial issue. Replacement items will be requisitioned separately under their individual stock numbers.

MACHINE GUN, CALIBER .30:
M1917A1 Browning (7142391).

MACHINE GUN, CALIBER .30:
M1919A4 BROWNING, flexible
(7142393).

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity au- thor- ized	(6) Illustration	
(a) Mate- riel numer- ical code	(b) Source	(c) Main- te- nance level	(d) Re- cover- ability					(a) Figure No.	(b) Item No.
					<p>MACHINE GUN, CALIBER .30: M1919A6 Browning (7142395). MOUNT, TRIPOD, MACHINE GUN: cal .30 M1917A1 (6507371). MOUNT, TRIPOD, MACHINE GUN: cal .30, M2 (6507052). MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74 (7146253).</p> <p>REPAIR PARTS FOR:</p> <p>MACHINE GUN, CALIBER .30: M1917A1 BROWNING</p>				

P1	O	-----	1005-653-5388	BARREL: machine gun (6535388) ...	1	1	14	2
				MACHINE GUN, CALIBER .30: M1919A4 BROWNING				
P1	O	-----	1005-714-8399	BARREL ASSEMBLY: (7148399) ...	1	1	16	2
				MACHINE GUN, CALIBER .30: M1919A6 BROWNING				
P1	O	-----	1005-714-8400	BARREL ASSEMBLY: (7148400) ...	1	1	18	2
				MOUNT, TRIPOD, MACHINE GUN: CAL .30, M1917A1				
				(NONE AUTHORIZED)				
				MOUNT, TRIPOD, MACHINE GUN: CAL .30, M2				
				(NONE AUTHORIZED)				

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quan- tity au- thor- ized	(6) Illustration	
(a) Mate- riel numer- ical code	(b) Source	(c) Main- te- nance level	(d) Re- cover- ability					(a) Figure No.	(b) Item No.
					<p>MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74</p> <p>(NONE AUTHORIZED)</p> <p>TOOLS AND EQUIPMENT FOR</p> <p>MACHINE GUN, CALIBER .30: M1917A1 BROWNING</p> <p>MACHINE GUN, CALIBER .30: M1919A4 BROWNING</p>				

MACHINE GUN, CALIBER .30: M1919A6 BROWNING						
	1005-556-4174	BRUSH, CLEANING, SMALL ARMS: bore (5564174).	1	4	7	1
	1005-691-1381	BRUSH, CLEANING, SMALL ARMS: chamber (7790582).	1	1	7	2
	1005-555-9762	CASE: steam condensing device, cal .30 (5559762) (M1917A1 only).	1	1	8	1
	1005-550-6573	CASE, SMALL ARMS CLEANING ROD: cal .30, M1 (5506573).	1	1	7	3
R	1005-653-0780	COVER: machine gun, cal .30, M7 (6530780) (M1917A1 only).	1	1	8	2
R	1005-653-1749	COVER: mach gun, cal .30, M13 (6531749) (M1919A4 only).	1	1		
	1005-669-3026	COVER: spare barrel (5593026)-----	1	1	7	4
	1005-653-5394	DEVICE: steam condensing (6535394) (M1917A1 only).	1	1	8	3
	1005-555-9696	ENVELOPE: spare parts, M1, 4 X 3 (5559696).	1	1	7	5
	4933-652-9950	EXTRACTOR, RUPTURED CAR- TRIDGE CASE: (7790352).	1	1	7	6
	1005-716-2298	FLASH HIDER: cal .30, M8 (7162298) (M1917A1 only).	1	1	8	5

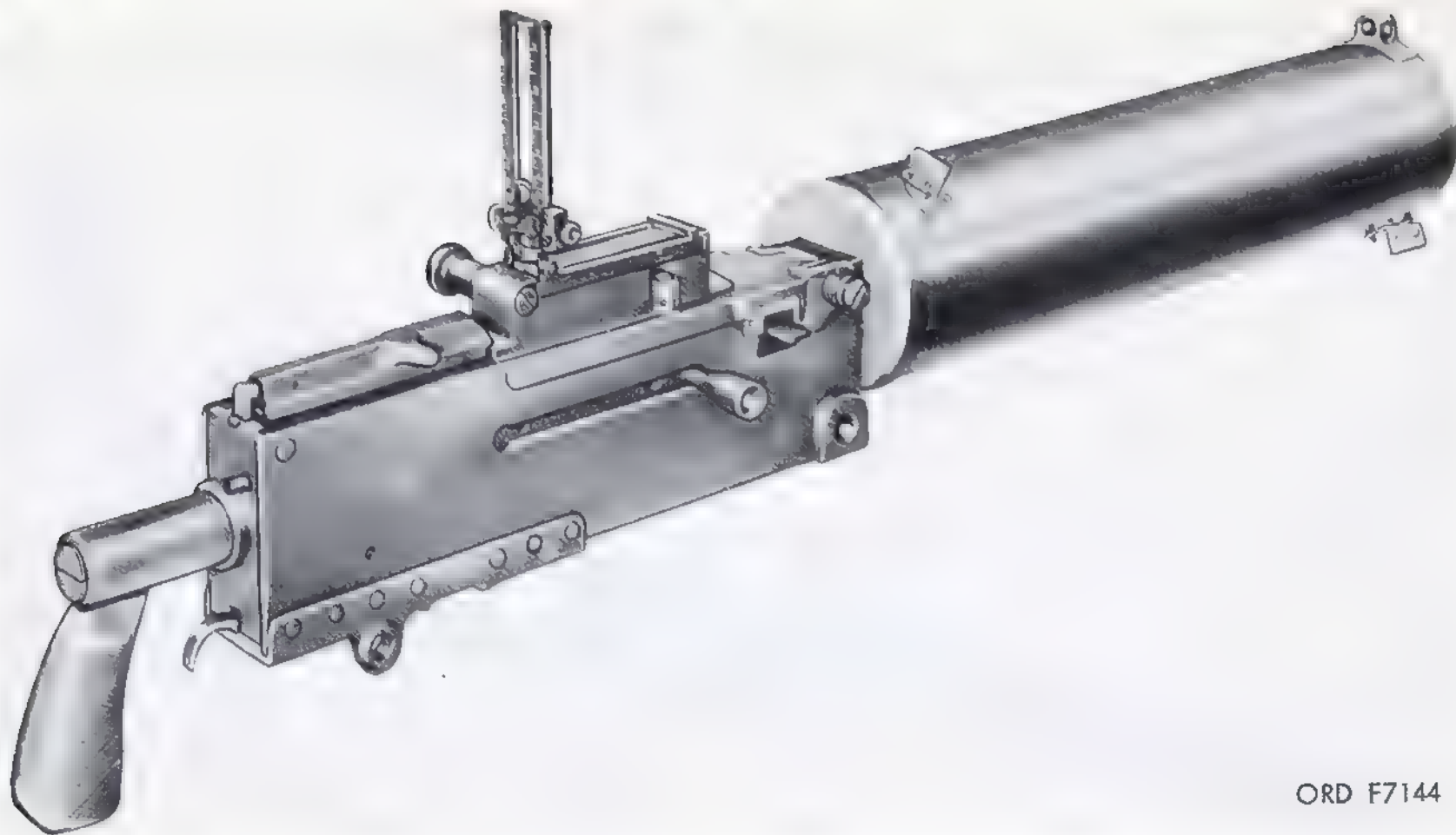
(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quan- tity au- thor- ized	(6) Illustration	
(a) Mate- riel nume- rical code	(b) Source	(c) Main- te- nance level	(d) Re- cover- ability					(a) Figure No.	(b) Item No.
12				1005-049-9210	FLASH HIDER: M6 (5750054) (M1919A4 only).	1	1	9	1
				1005-731-3084	HANDLE: carrying (7313084) (M1917A1 only).	1	1	8	4
				1005-731-2973	HANDLE ASSEMBLY: carrying (7312973) (Equipment for M1919A4 only).	1	1	9	2
				1005-650-8237	ROD, CLEANING, SMALL ARMS: M1 (6508237).	1	1	7	7
					TECHNICAL MANUAL, TM 9 1005-212-12P.	1	1		
				4933-556-8334	WRENCH, COMBINATION: M6 (5568334).	1	1	7	8

MOUNT, TRIPOD, MACHINE GUN CAL .30, M1917A1					
1005-557-3157	BAG, HAND TOOLS: carrying (5573157).	1	1	10	1
1005-650-7513	COVER: cradle, M1 (6507513)-----	1	1	10	2
4933-516-5441	WRENCH: combination, M5 (5165441).	1	1	10	3
5120-516-3925	WRENCH: elevating mechanism, M8 (5163925).	1	1	10	4
MOUNT, TRIPOD, MACHINE GUN: CAL .30, M2					
1005-659-1428	COVER, TRIPOD MOUNT: (6591428)	1	1	11	
MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74					
1005-557-3157	BAG, HAND TOOLS: (5573157)-----	1	1	12	1
1010-714-8796	COVER, CRADLE: (7148796)-----	1	1	12	2
5120-198-5392	KEY, SOCKET HEAD SCREW: hex- type, $\frac{5}{32}$ in. across flats, L-type hdl, $2\frac{1}{2}$ lg (41-W-2451).	1	1	12	3

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quan- tity au- thor- ized	(6) Illustration	
(a) Mate- riel nume- rical code	(b) Source	(c) Main- te- nance level	(d) Re- cover- ability					(a) Figure No.	(b) Item No.
					<p>MISCELLANEOUS MATERIAL</p> <p>The items listed under subheadings below are not issued with the gun, but are requisitioned and issued in accordance with TOE, TA or as otherwise authorized.</p> <p>AMMUNITION</p> <p>Ammunition for use with these guns is shown in SM 9-5-1305.</p> <p>ARTICLES FOR INSTRUCTIONAL PURPOSES</p>				

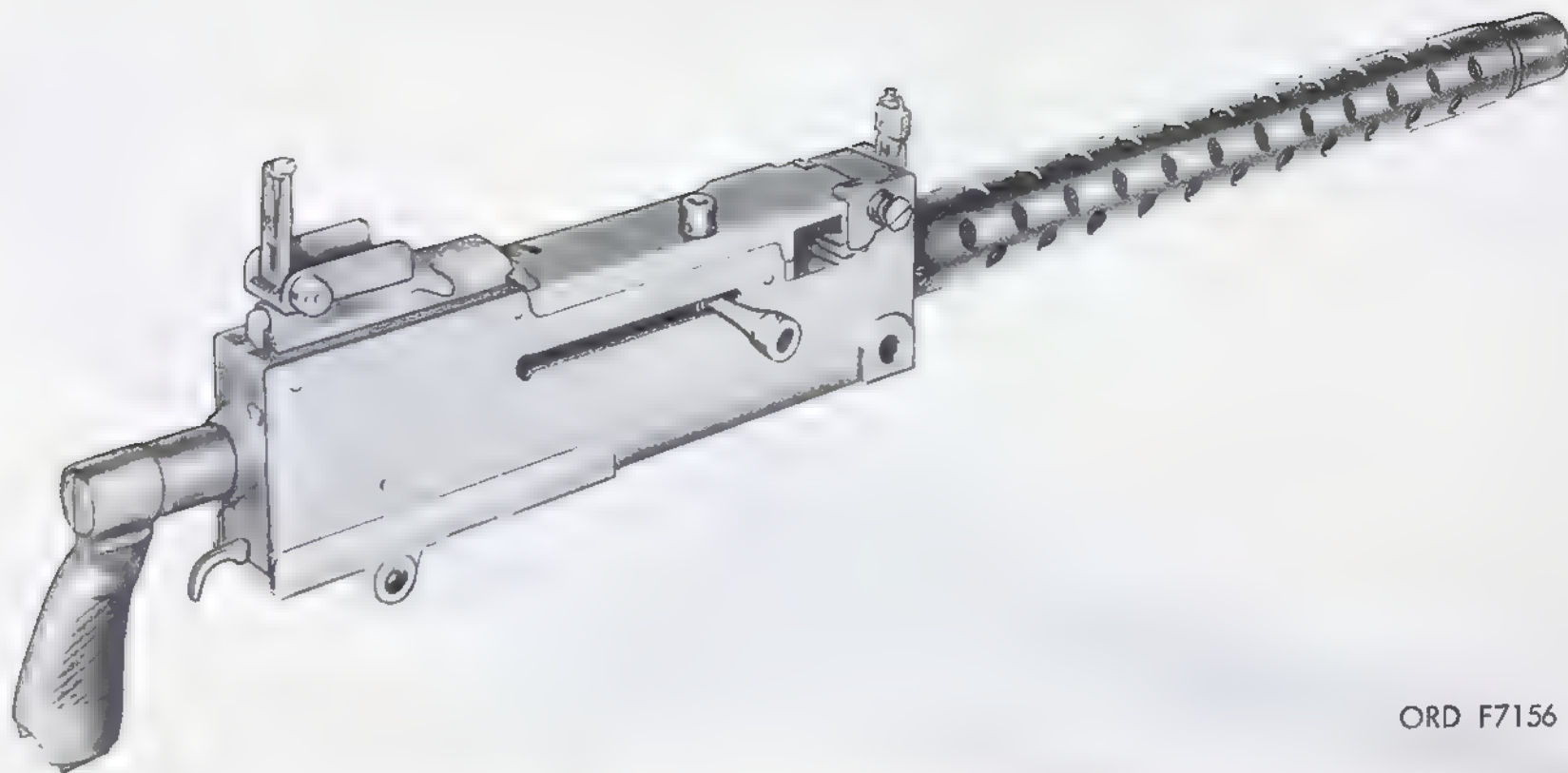
	The following items WILL NOT BE TAKEN into the field, upon permanent change of station, or into the Theater of Operations. Units will turn in all equipment to the Commanding Officer of the station from which it departs. The receiving officer will make a report to the Army Commander without delay, showing number, type, and condition of items received.	
1005-040-2889	FIRING ATTACHMENT, BLANK AMMUNITION: M3A1 (8412112) (M1917A1 only) (One per gun when used for training purposes).	1
1005-040-2888	FIRING ATTACHMENT, BLANK AMMUNITION: M6 (8412139) (M1919A4 only) (One per gun when used for training purposes).	1
1005-716-2790	FIRING ATTACHMENT, BLANK AMMUNITION: cal .30, M9 (7162790) (M1919A6 only) (one per gun when used for training purposes).	1

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quan- tity au- thor- ized	(6) Illustration	
(a) Mate- riel numer- ical code	(b) Source	(c) Main- te- nance level	(d) Re- cover- ability					(a) Figure No.	(b) Item No.
			R	1005-678-7369	GRAPHIC TRAINING AID, 9-4 (M1917A1 only). GRAPHIC TRAINING AID, 9-615 (M1919A4 and M1919A6). GUN, SUBCALIBER, CALIBER .22: M3, w/e (6787369) (For allowances see ORD 7 portion of SNL A-48) (M1917A1 only).	1 1			
			R	1005-678-7370	GUN, SUBCALIBER, CALIBER .22: M4, w/e (6787370) (For allowances see ORD 7 portion of SNL A-48) (M1919A4 only).	1			



ORD F7144

Figure 1. M1917A1 caliber .30 machine gun—right rear view.



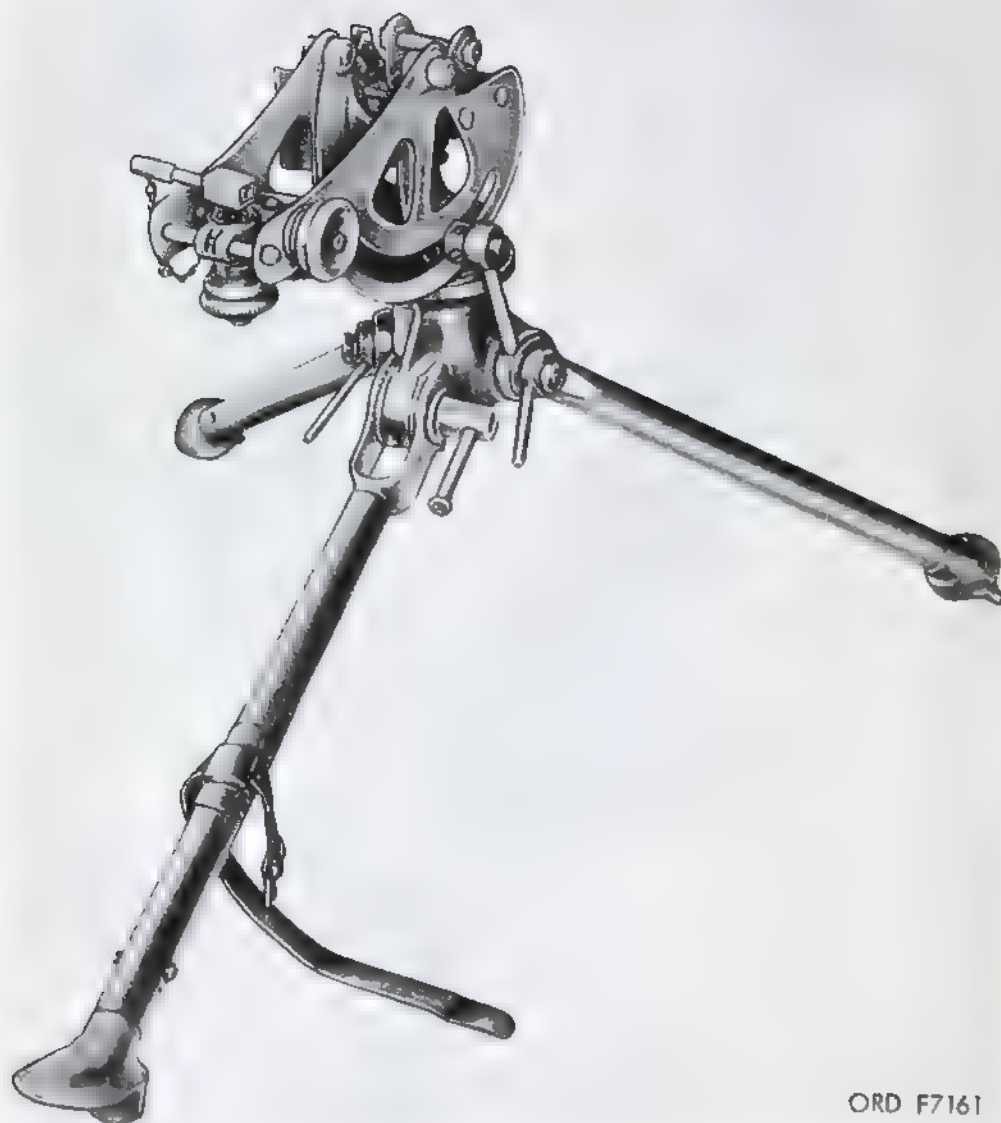
ORD F7156

Figure 2. M1919A4 caliber .30 machine gun—right rear view.



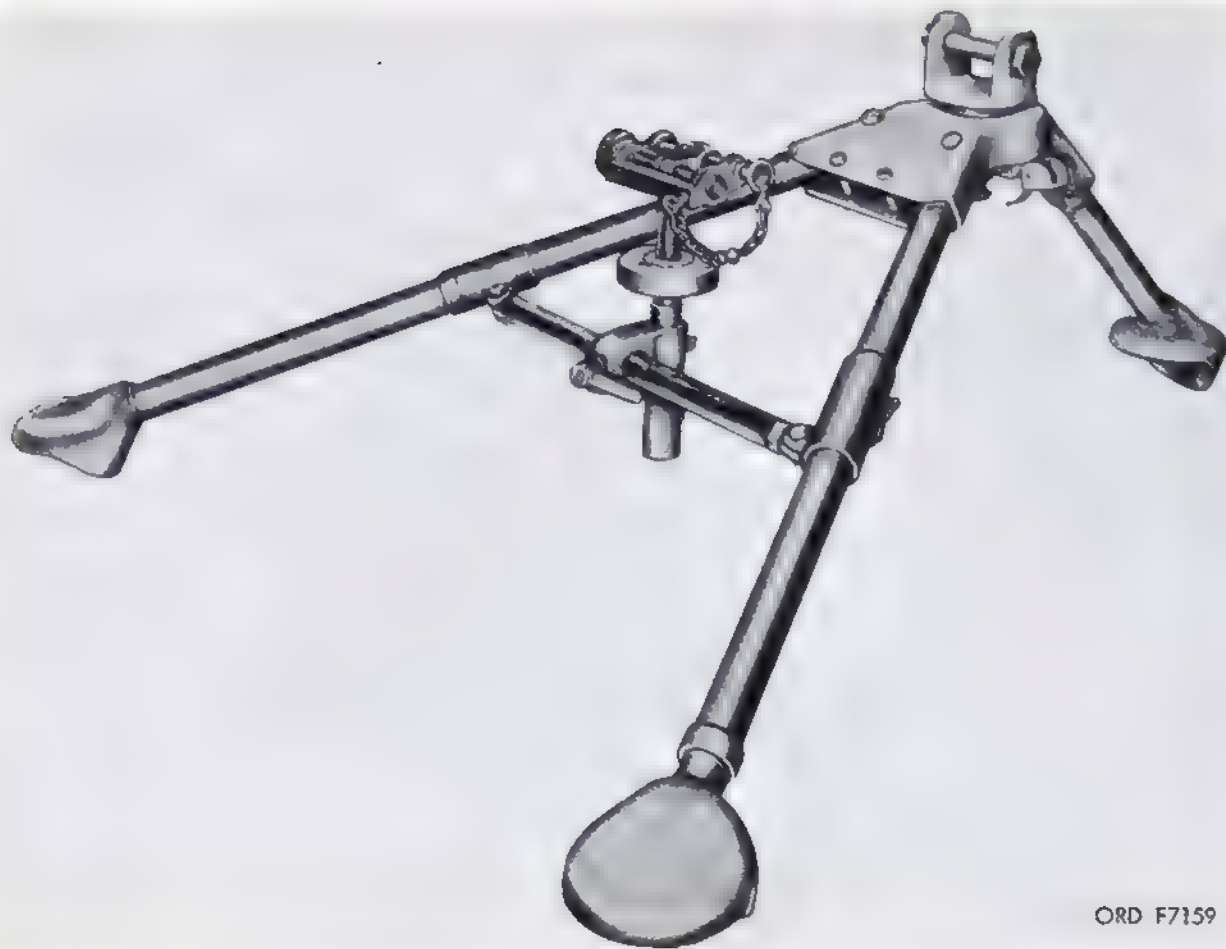
ORD F7151

Figure 3. M1919A6 caliber .30 machine gun—right rear view.



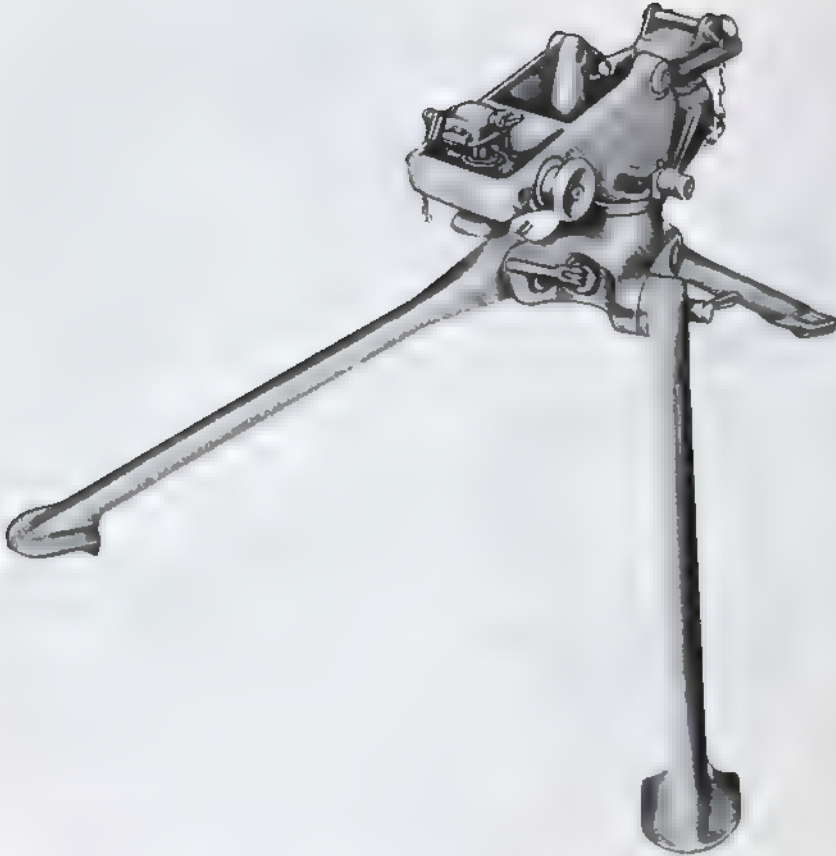
ORD F7161

Figure 4. M1917A1 machine gun tripod mount.



ORD F7159

Figure 5. M2 machine gun tripod mount.



ORD F7163

Figure 6. M74 machine gun—rifle tripod mount.

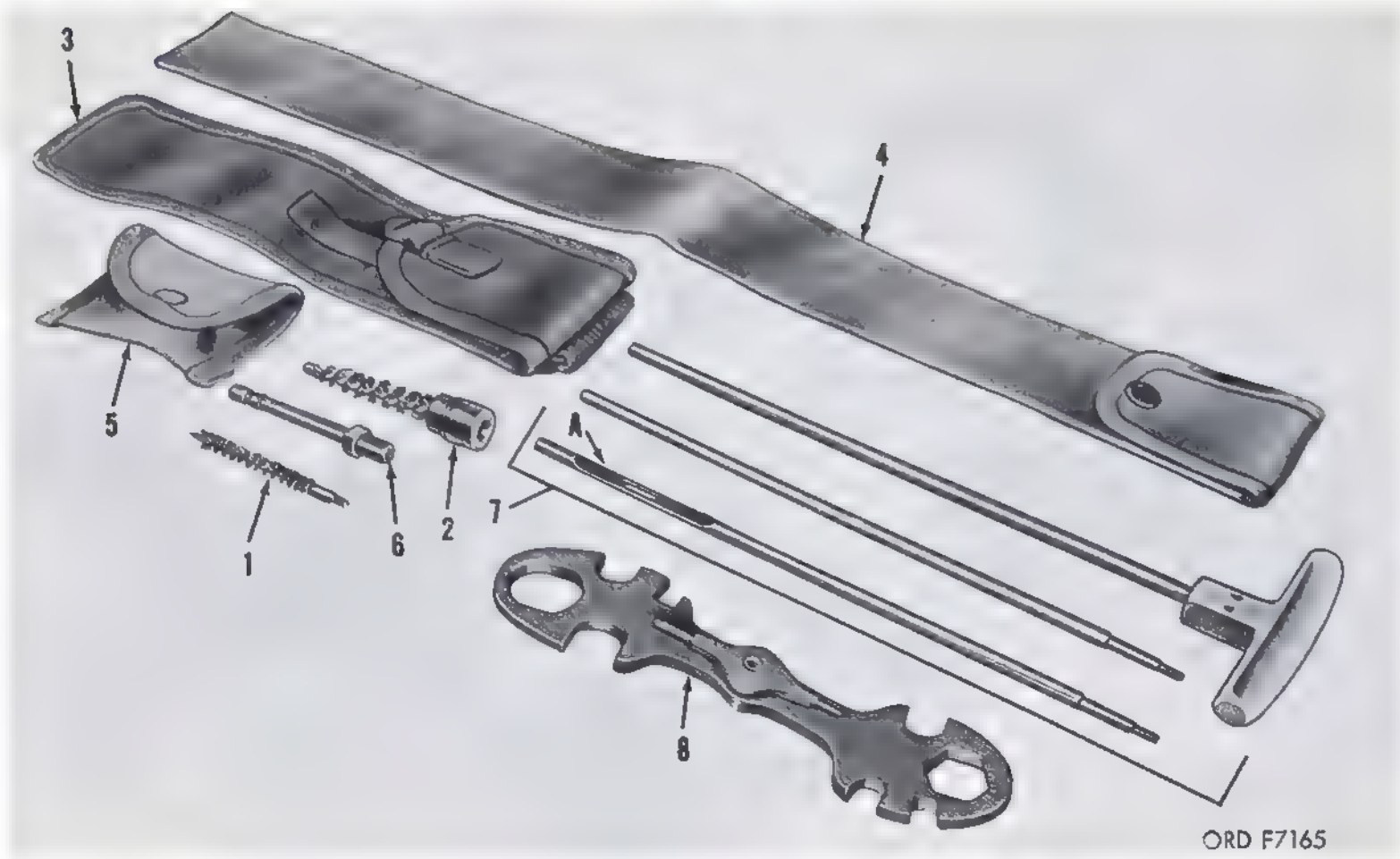
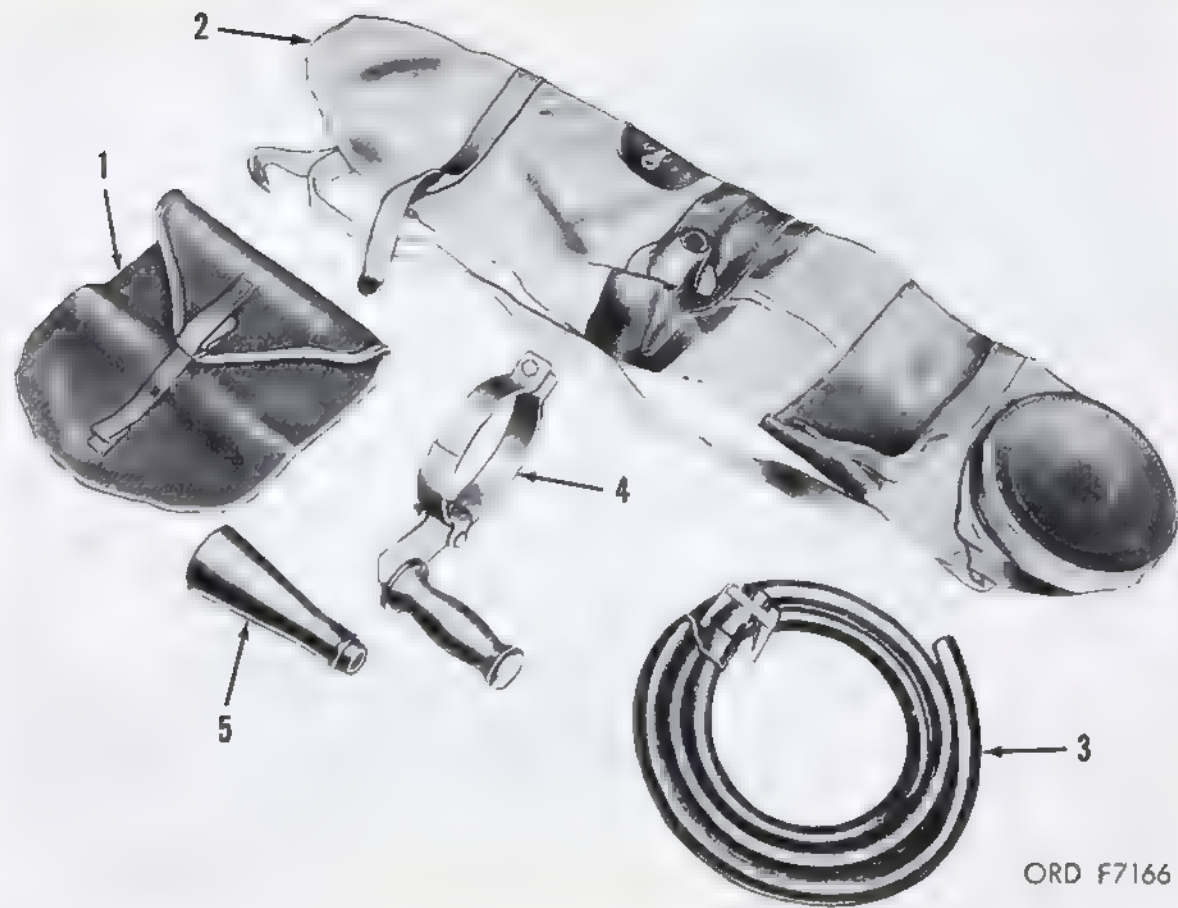


Figure 7. Tools and equipment for machine guns M1917A1, M1919A4, and M1919A6.



ORD F7166

Figure 8. Tools and equipment for machine gun M1917A1.

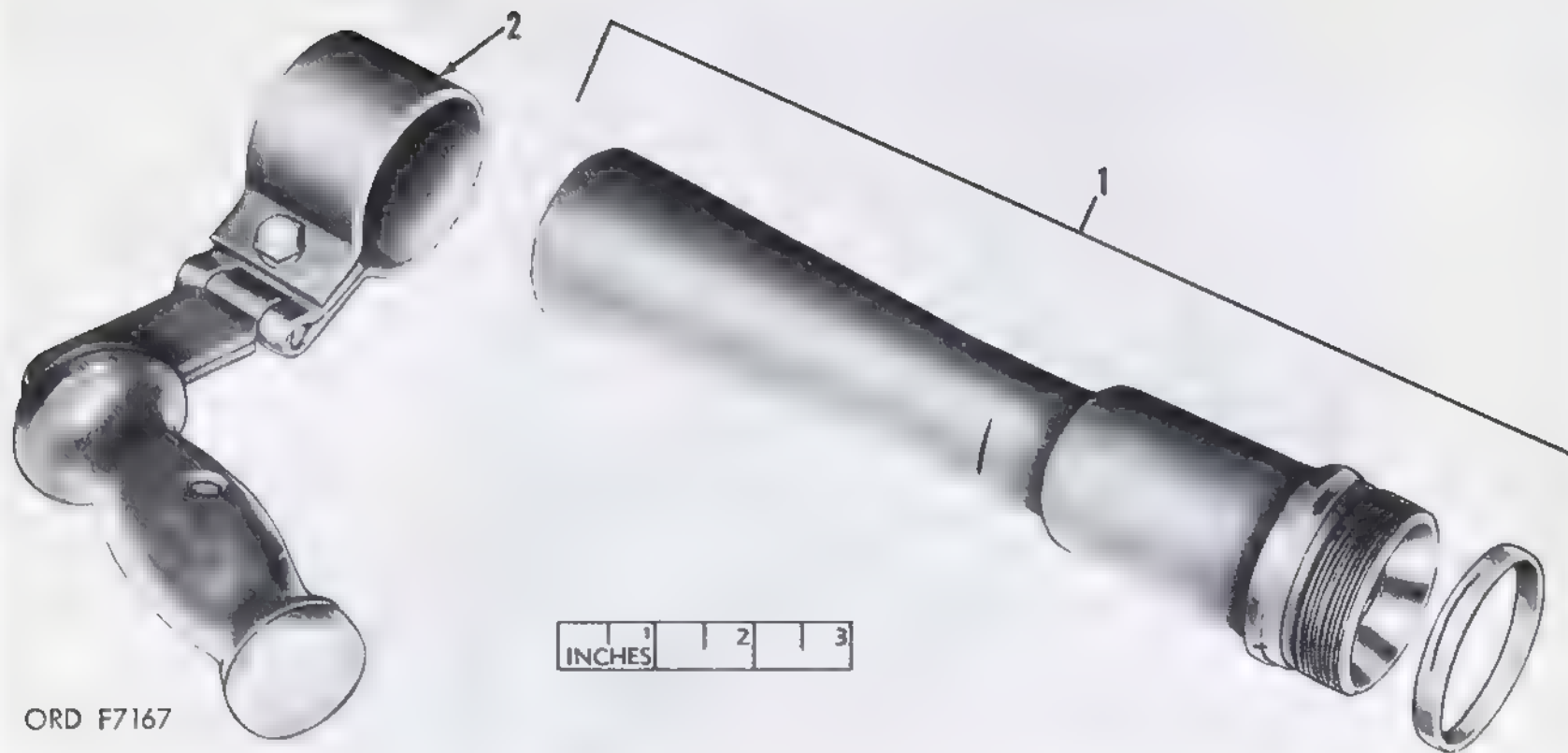
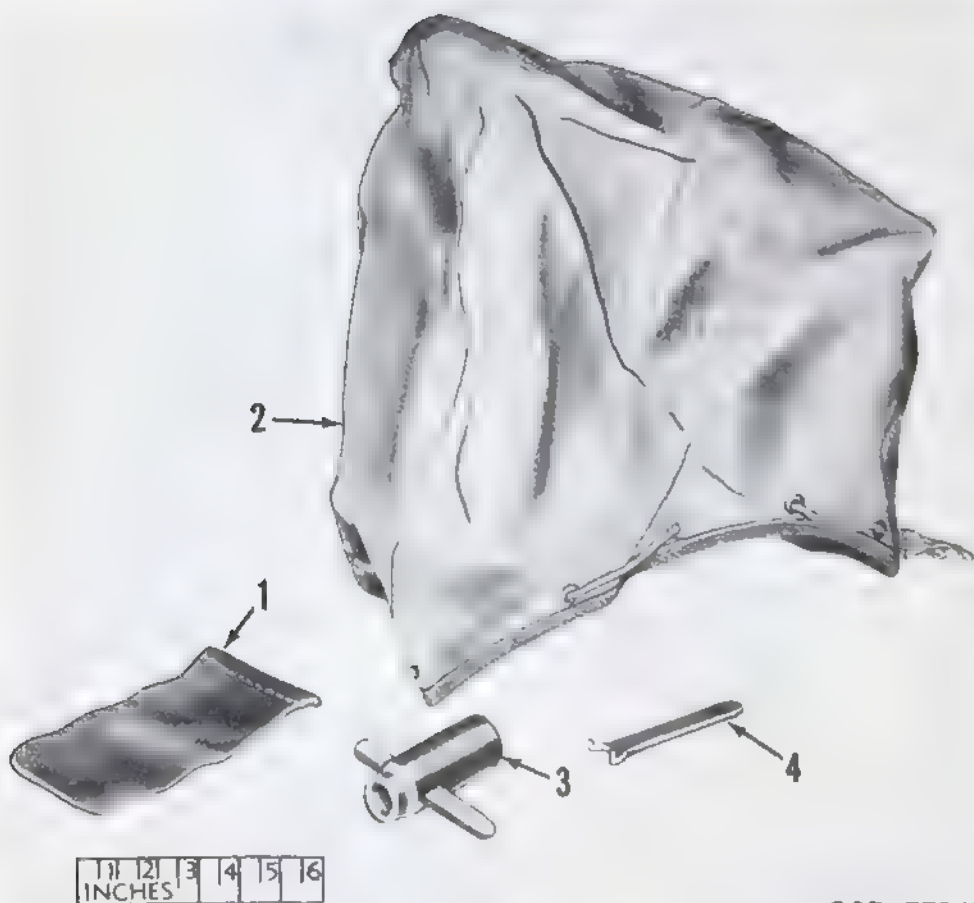


Figure 9. Tools and equipment for machine gun M1919A4.



ORD F7943

Figure 10. Tools and equipment for machine gun tripod mount M1917A1.



ORD F7945

Figure 11. Equipment for machine gun tripod mount M2.

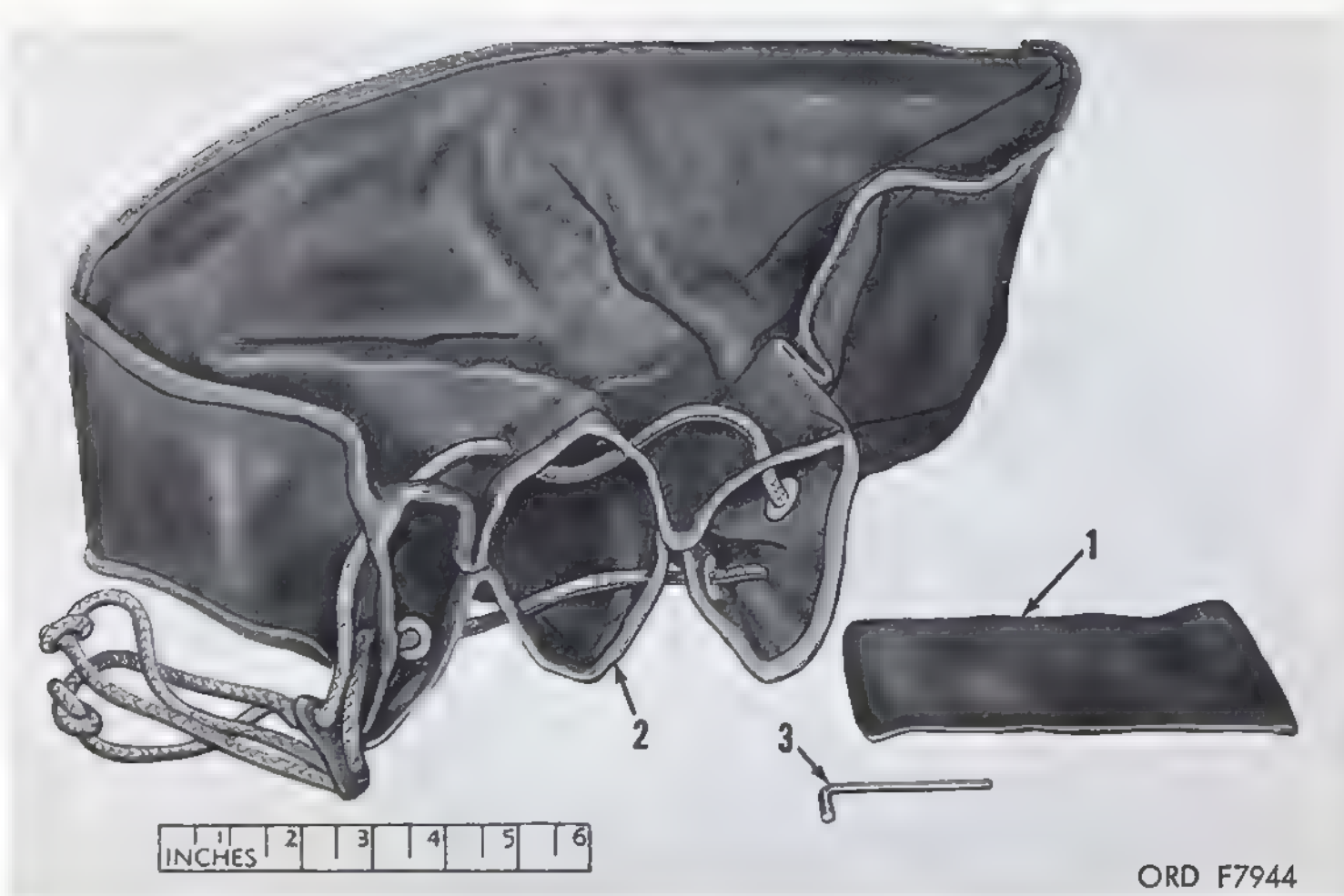


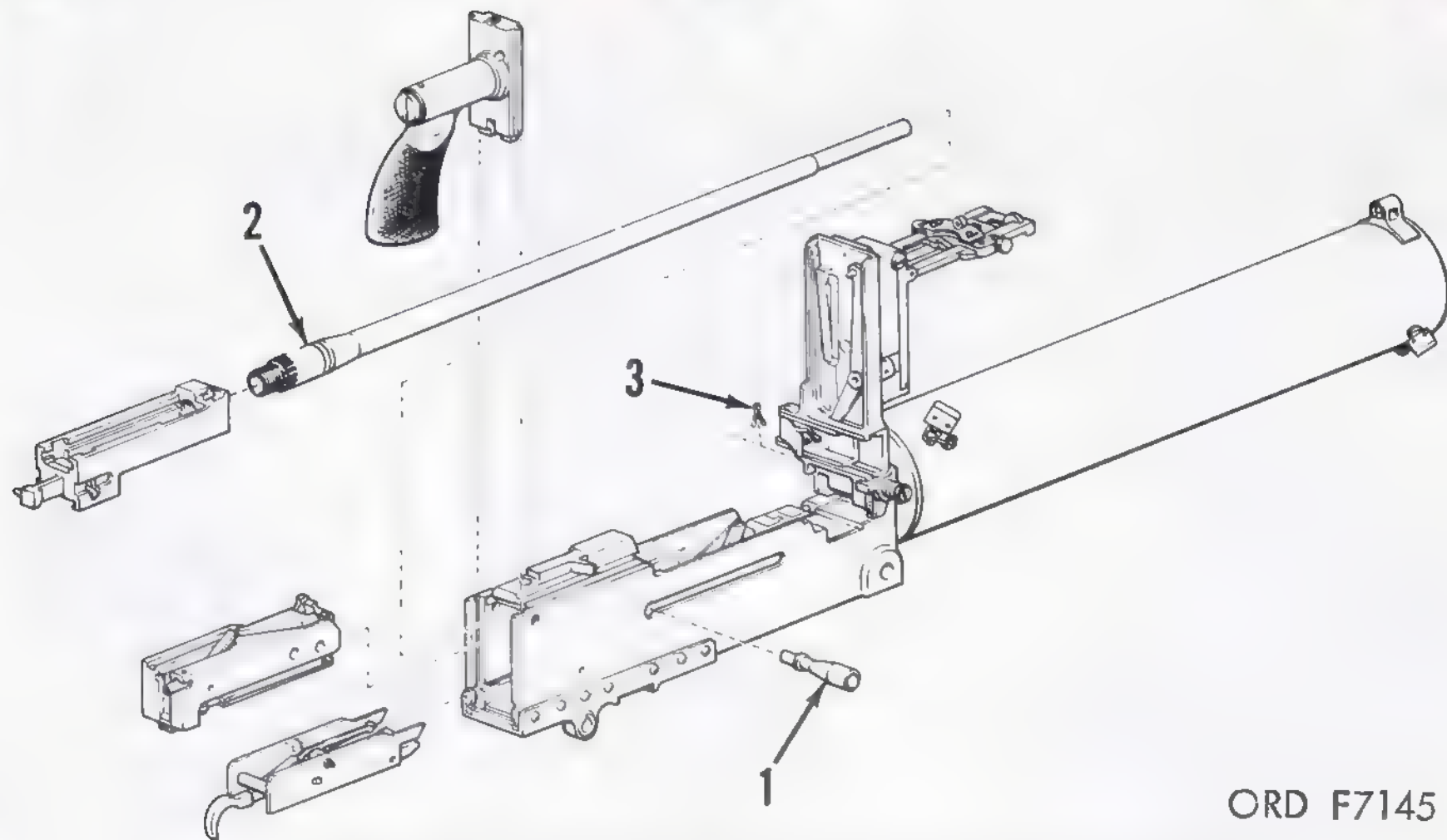
Figure 12. Tools and equipment for machine gun—rifle tripod mount M74.

SECTION III

REPAIR PARTS AND SPECIAL TOOL LISTS

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Materiel numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A	B	C	D	A Figure No.	B Item No.
P1	O	---	---	1005-653-5388	<p style="text-align: center;">REPAIR PARTS FOR:</p> <p style="text-align: center;">MACHINE GUN, CALIBER .30: M1917A1 BROWNING</p> <p style="text-align: center;">MAJOR GROUPS, ASSEMBLIES, AND COMPONENT PARTS</p> <p>BARREL: machine gun (6535388) -----</p>	1	1	(1)	(1)	(1)	(1)	13	2

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
	P1	O	---	1005-614-7212	HANDLE, BOLT: (6147212)-----	1	1	(1)	(1)	(1)	(1)	13	1
	P	O	---	5315-234-1854	PIN, COTTER: S, phos-ctd, $\frac{1}{16}$ dia, $\frac{3}{4}$ lg (96906-24665-153).	1	1	1	1	1	1	13	3

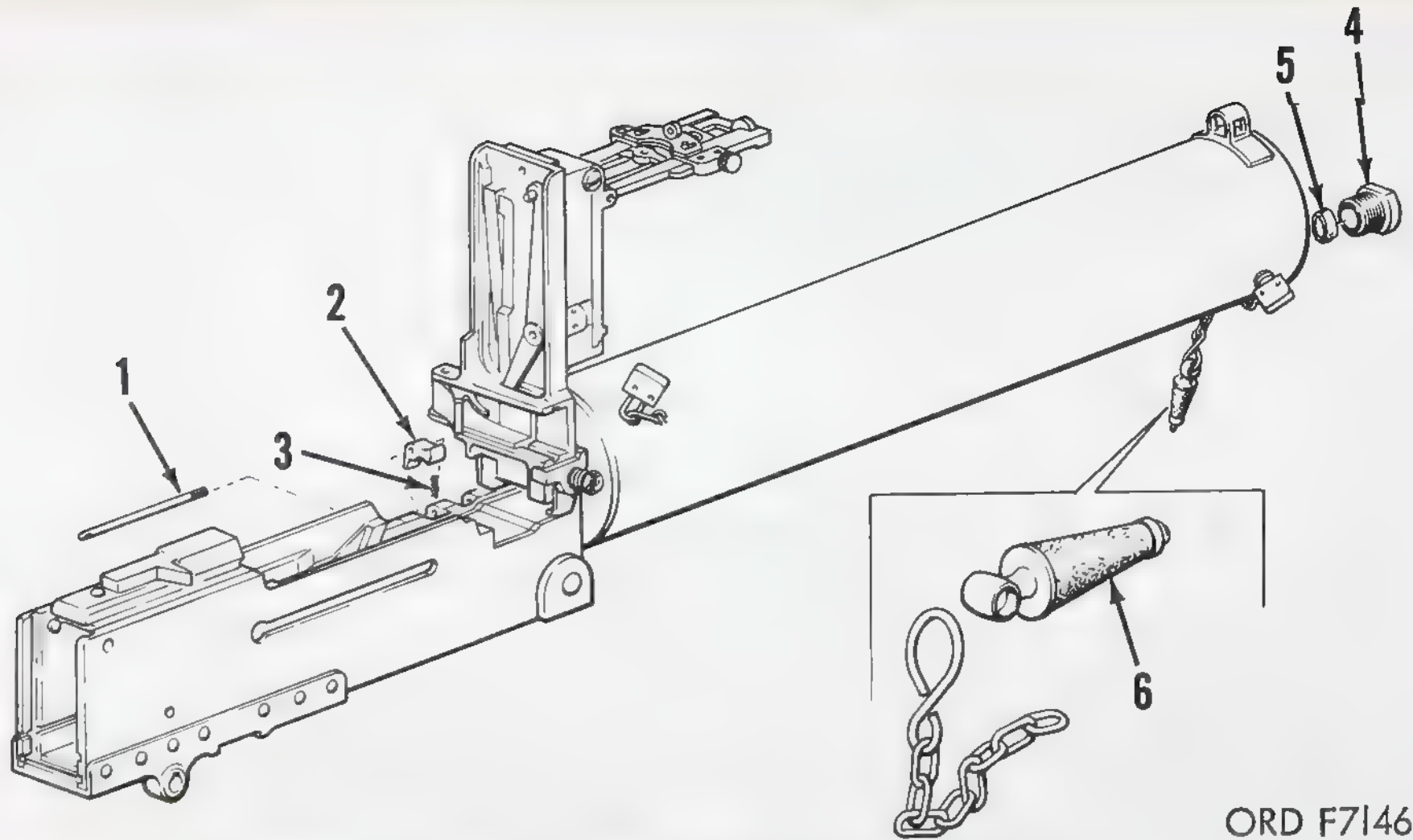


ORD F7145

Figure 13. Major groups, assemblies, and component parts for machine gun M1917A1.

(1) Source, maintenance, and recoverability code				(2)	(3)	(4)	(5)	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability	Federal stock No.	Description	Unit of issue	Qty inc unit	A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
					REPAIR PARTS FOR:								
					CASING AND WATER JACKET GROUP								
P1	O	---	---	4730-601-7471	BUSHING, MACHINE THREAD: (6017471).	1	1	(1)	(1)	(1)	(1)	14	4
P	O	---	---	1005-614-7211	CORK: (6147211).....	1	1	(1)	(1)	(1)	(1)	14	6
P1	O	---	---	1005-614-7216	PAWL, BELT: (6147216).....	1	1	(1)	(1)	(1)	(1)	14	2
P1	O	---	---	1005-614-7217	PIN, BELT HOLDING PAWL: (6147217).	1	1	(1)	(1)	(1)	(1)	14	1
P1	O	---	---	1005-614-7225	SPRING, HELICAL, COMPRESSION: S, cd-pltd, 0.023 stk size, 0.137 free od,	1	1	(1)	(1)	(1)	(1)	14	3

[illegible]



ORD F7146

Figure 14. Casing and water jacket group for machine gun M1917A1.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Materiel numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
					REPAIR PARTS FOR: MACHINE GUN, CALIBER .30: M1919A4 BROWNING MAJOR GROUPS, ASSEMBLIES, AND COMPONENT PARTS								
P1	O	---	---	1005-714-8399	BARREL ASSEMBLY: (7148399).....	1	1	(1)	(1)	(1)	(1)	15	2
P1	O	---	---	1005-614-7212	HANDLE, BOLT: (6147212).....	1	1	(1)	(1)	(1)	(1)	15	1
P1	O	---	---	1005-517-0491	LOCK, BARREL BEARING: (5170491).....	1	1	(1)	(1)	(1)	(1)	15	4
P	O	---	---	5315-234-1854	PIN, COTTER: S, phos-ctd, $\frac{1}{16}$ dia, $\frac{3}{4}$ lg (96906-24665-153).	1	1	1	1	1	2	15	3

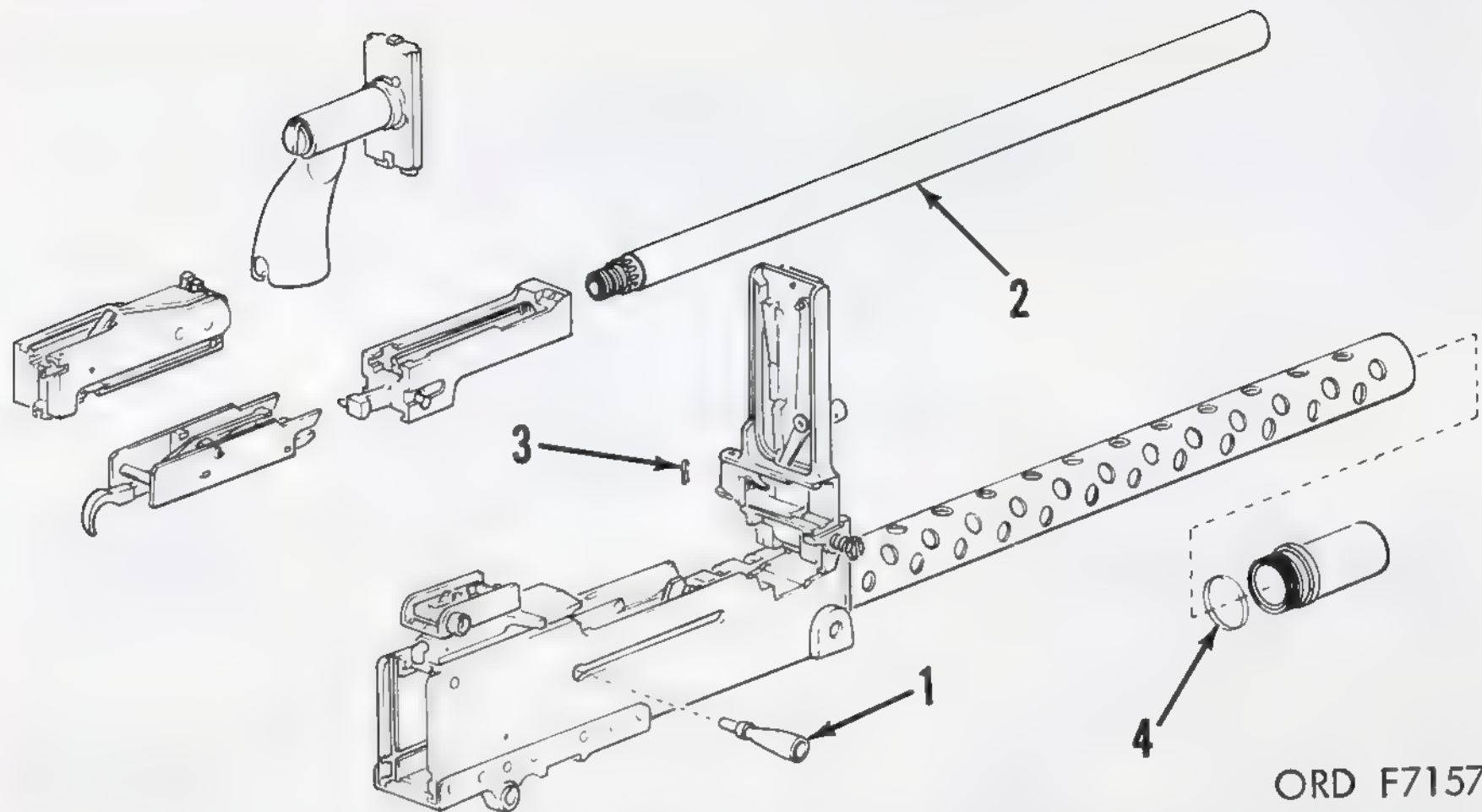
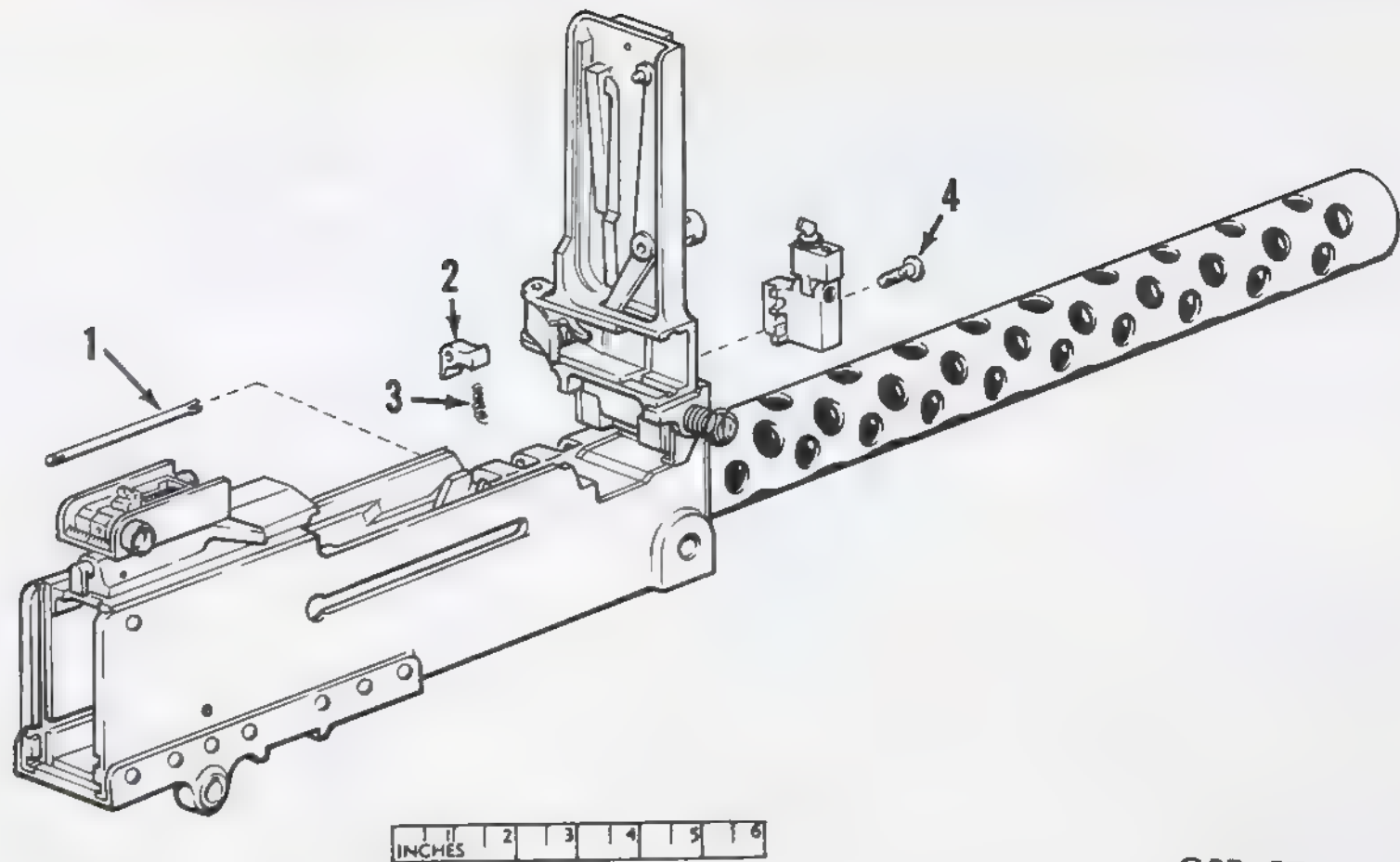


Figure 15. Major groups, assemblies, and component parts for machine gun M1919A4.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day mainte- nance per equipment density spread				(7) Illus- tration	
(A) Materiel numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A	B	C	D	A Figure No.	B Item No.
					REPAIR PARTS FOR:								
					CASING AND BARREL JACKET GROUP								
P1	O			1005-614-7216	PAWL, BELT: (6147216)	1	1	(1)	(1)	(1)	(1)	16	2
P1	O			1005-614-7217	PIN, BELT HOLDING PAWL: (6147217)	1	1	(1)	(1)	(1)	(1)	16	1
P1	O			5305-501-3258	SCREW, MACHINE: S, 0.370 in. min dia of hd, 0.373 in. max dia of hd (5013258).	1	1	1	1	1	1	16	4
P1	O			1005-614-7225	SPRING, HELICAL, COMPRESSION: S, belt holding pawl (0.023 dia stk, 0.15, od, 13 coils) (6147225).	1	1	(1)	(1)	(1)	(1)	16	3



ORD F7153

Figure 16. Casing and barrel jacket group for machine gun M1919A4.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A	B	C	D	A Figure No.	B Item No.
								1 6	7 20	21 50	51 100		
<p style="text-align: center;">REPAIR PARTS FOR:</p> <p style="text-align: center;">MACHINE GUN, CALIBER .30:</p> <p style="text-align: center;">M1919A6 BROWNING</p> <p style="text-align: center;">MAJOR GROUPS, ASSEMBLIES, AND COMPONENT PARTS</p>													
P1 O				1005-714-8400	BARREL ASSEMBLY: (7148400)	1	1	(1)	(1)	(1)	(1)	17	2
P1 O				1005-614-7212	HANDLE, BOLT: (6147212)	1	1	(1)	(1)	(1)	(1)	17	1
P1 O				1005-731-2973	HANDLE ASSEMBLY: carrying (7312973)	1	1	*	*	*	*	17	5
P1 O				1005-517-0491	LOCK, BARREL BEARING: (5170491)	1	1	(1)	(1)	(1)	(1)	17	6

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
P	(O)			5315-234-1854	PIN, COTTER: S, phos-ctd, $\frac{1}{16}$ dia, $\frac{3}{4}$ lg (96906-24665-153).	1	1	1	1	1	2	17	3
P1	(O)			5340-716-2161	RING: retaining (7162161).....	1	1	(1)	(1)	(1)	(1)	17	4

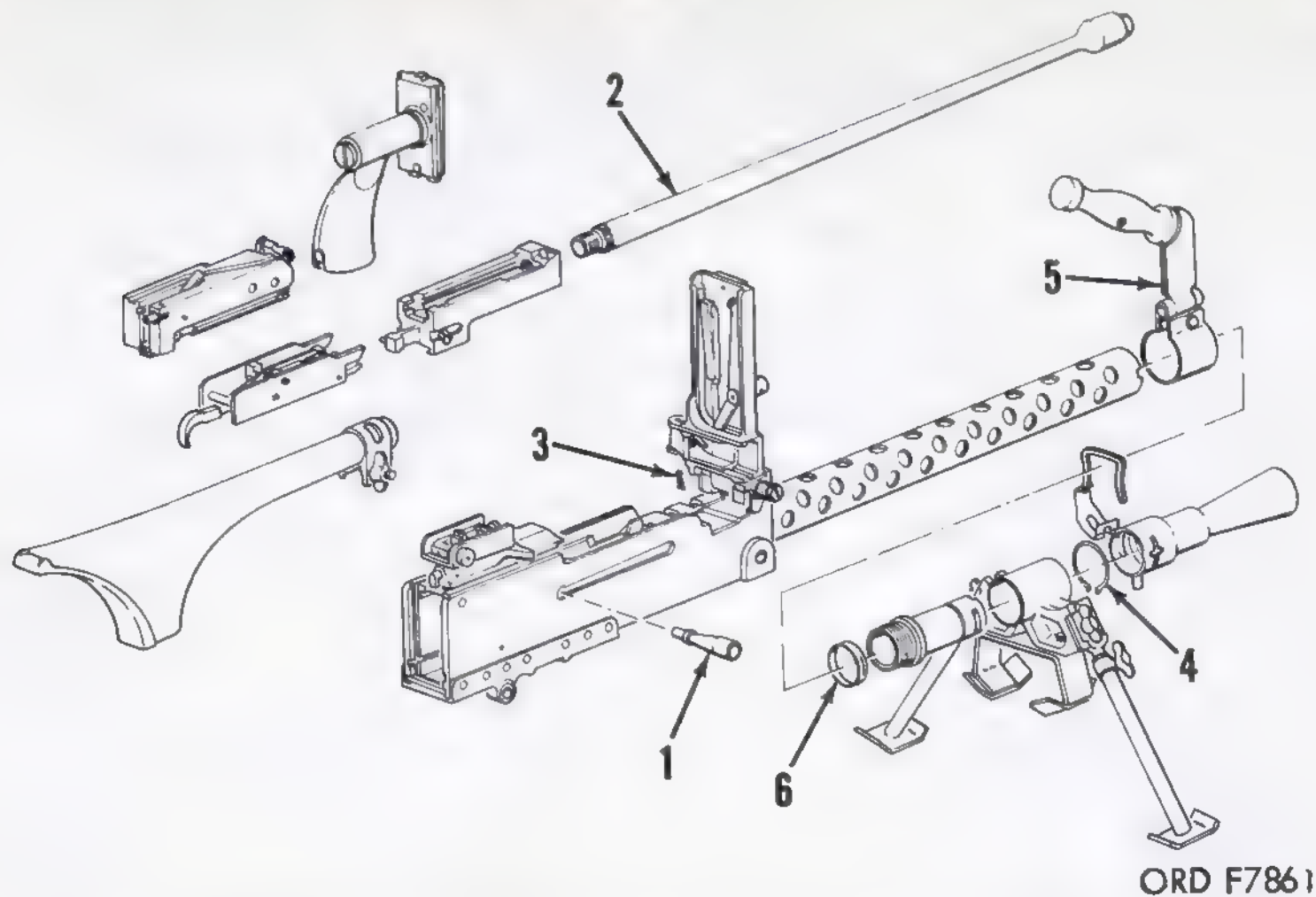
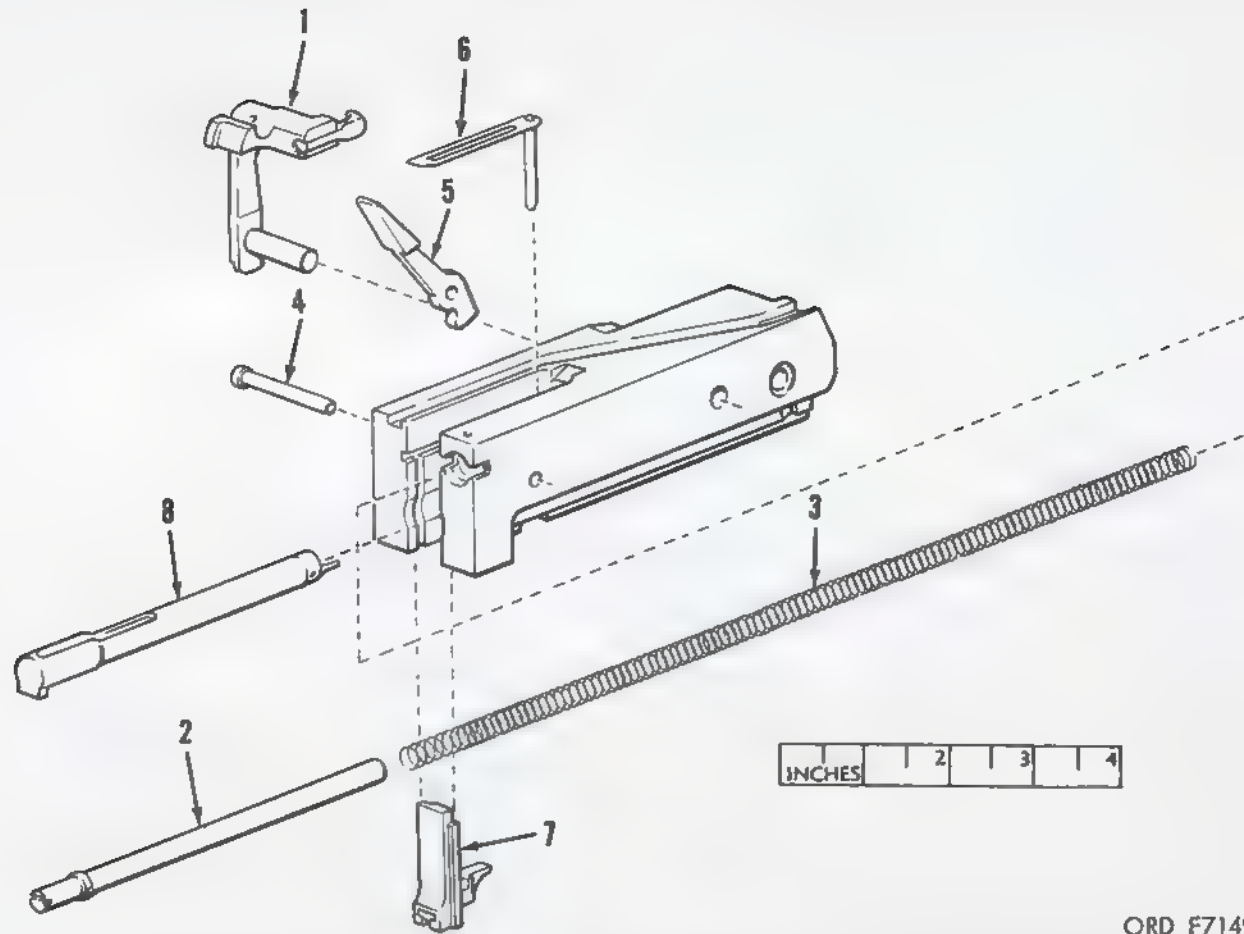


Figure 17. Major groups, assemblies, and component parts for machine gun M1919A6.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
<p style="text-align: center;">REPAIR PARTS FOR:</p> <p style="text-align: center;">MACHINE GUNS, CALIBER .30, M1917A1, M1919A4 AND M1919A6</p> <p style="text-align: center;">BOLT GROUP</p>													
P1	O	---	---	1005-562-1076	EXTRACTOR, SMALL ARMS CAR- TRIDGE: (5621076).	1	1	(1)	(1)	(1)	(1)	18	1
P1	O	---	---	1005-613-1317	LEVER, COCKING: (6131317)-----	1	1	(1)	(1)	(1)	(1)	18	5
P1	O	---	---	1005-550-9186	PIN, FIRING: S, phos-ctd, 0.075 max strik- ing end dia, 4.795 max o/a lg (5509186).	1	1	(1)	(1)	(1)	(1)	18	8

P1	O	5315 502-0567	PIN, GROOVED, HEADED: fl-fl-hd, S, phos-ctd, 0.205 shank dia, 1.370 shank lg (5020567).	1	1	(1)	(1)	(1)	(1)	18	4
P1	O	1005-314-7222	ROD ASSEMBLY, DRIVING SPRING: (6147222).	1	1	(1)	(1)	(1)	(1)	18	2
P1	O	1005-556-4137	SEAR: (5564137)...	1	1	(1)	(1)	(1)	(1)	18	7
P1	O	1005-621-2654	SPRING, HELICAL, COMPRESSION: S, cd-pltd, 0.045 stk size, 0.390 free od, 15 $\frac{7}{8}$ free o/a lg, 103 coils, driving (6212654).	1	1	(1)	(1)	(1)	(1)	18	3
P1	O	1005-613-1265	SPRING, SEAR: (6131265)...	1	1	(1)	(1)	(1)	(1)	18	6

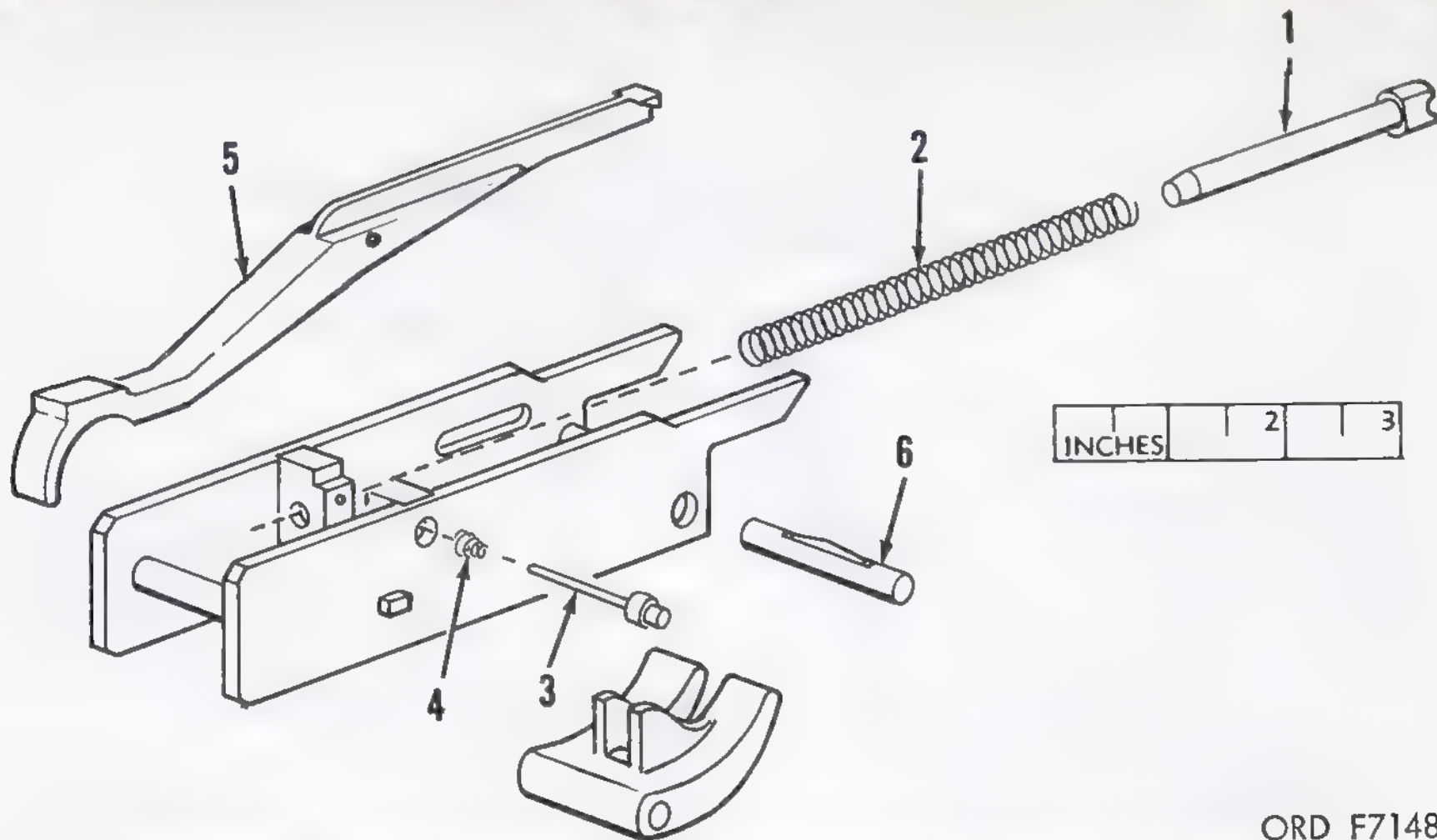


ORD F7149

Figure 18. Bolt group for machine guns M1917A1, M1919A4, and M1919A6.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
					REPAIR PARTS FOR: LOCK FRAME GROUP								
P1	O			1005-613-1253	PIN ASSEMBLY: accelerator and breech lock (6131253).	1	1	(1)	(1)	(1)	(1)	19	6
P1	O			5315-502-0503	PIN, SHOULDER, HEADLESS: cham, phos-ctd, 0.135 smaller shank dia, 0.200 larger shank dia, 0.250 shoulder dia, 1.310 o/a lg (5020503).	1	1	(1)	(1)	(1)	(1)	19	3
P1	O			1005-613-1251	PLUNGER, BARREL EXTENSION: (6131251).	1	1	(1)	(1)	(1)	(1)	19	1

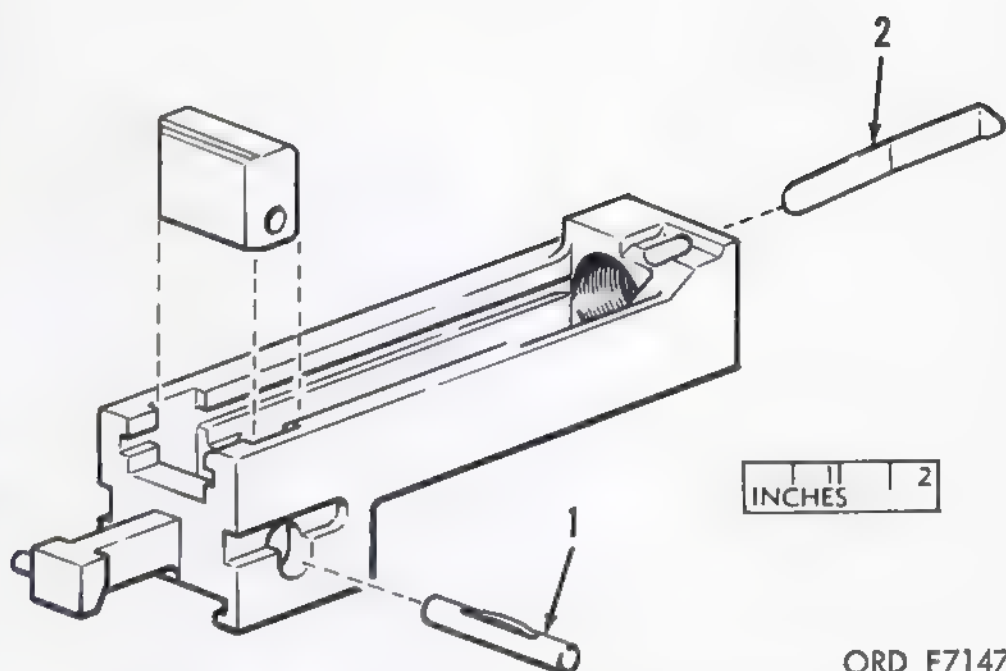
(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
P1	O	---	---	1005-614-7231	SPRING, HELICAL, COMPRESSION: S, cd-pltd, 0.031 stk size, 0.220 free od, 0.280 free o/a lg, 4 coils, trigger pin (6147231).	1	1	(1)	(1)	(1)	(1)	19	4
P	O	---	---	1005-614-7223	SPRING, HELICAL, COMPRESSION: S, cd-pltd, 0.046 stk size, 0.280 min id, 0.372 od, 3¾ free o/a lg, 26 coils, barrel plunger (6147223) (For M1917A1 only).	1	1	(1)	(1)	(1)	(1)	19	
P1	O	---	---	1005-513-5057	SPRING, HELICAL, COMPRESSION: S, 0.047 dia stk, 0.387 od, 24 coils, barrel plunger (5135057) (For M1919A4 and M1919A6).	1	1	(1)	(1)	(1)	(1)	19	2
P1	O	---	---	1005-342-1100	TRIGGER: (8407769)-----	1	1	(1)	(1)	(1)	(1)	19	5



ORD F7148

Figure 19. Lock frame group for machine guns M1917A1, M1919A4, and M1919A6.

(1) Source, maintenance, and recoverability code				(2)	(3)	(4)	(5)	(6) 15-day mainte- nance per equipment density spread				(7) Illus- tration	
(A)	(B)	(C)	(D)	Federal stock No.	Description	Unit of issue	Qty inc unit	A	B	C	D	A	B
Materiel numerical code	Source	Maint level	Recover- ability					1-6	7-20	21-50	51-100	Figure No.	Item No.
					REPAIR PARTS FOR:								
					BARREL EXTENSION GROUP								
P1	O	---	---	1005-613-1253	PIN ASSEMBLY: accelerator and breech lock (6131253). (For authorized allowances see this item under Lock Frame Group).	---	1	---	---	---	---	20	1
P1	O	---	---	1005-614-7230	SPRING, BARREL LOCKING: (6147230).	1	1	(1)	(1)	(1)	(1)	20	2



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Figure 20. Barrel extension group for machine guns M1917A1, M1919A4, and M1919A6.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
REPAIR PARTS FOR:													
COVER GROUP													
P1	O			1005-601-7503	LEVER, BELT FEED: (6017503).....	1	1	(1)	(1)	(1)	(1)	21	4
P1	O			1005-519-6284	NUT, BELT FEED LEVER PIVOT BUSHING: (5196284).	1	1	(1)	(1)	(1)	(1)	21	10
P1	O			1005-550-8461	PAWL, BELT FEED: (5508461).....	1	1	(1)	(1)	(1)	(1)	21	7
P1	O			1005-613-1255	PIN: belt feed pawl (6131255).....	1	1	(1)	(1)	(1)	(1)	21	6
P1	O			5315-515-7434	PIN, GROOVED, HEADED: S, blk- oxide fin., fl-hd, 0.257 min dia of hd, 0.261 max dia of hd (belt feed lever) (5157434).	1	1	(1)	(1)	(1)	(1)	21	3

P1	O	---	5305-558-3689	SETSCREW: sltd, S, phos-ctd, fl-pt, $\frac{3}{8}$, 24UNF-3A, 0.235 lg (5196283).	1	1	(1)	(1)	(1)	(1)	21	1
P1	O	---	1005-613-1262	SLIDE, BELT FEED: (6131262).....	1	1	(1)	(1)	(1)	(1)	21	5
P1	O	---	1005-597-0429	SPRING, HELICAL, COMPRESSION: S, 0.032 stk size, 0.340 free od, 0.780 free o/a lg, 6 coils, belt feed-pawl (6147224).	1	1	(1)	(1)	(1)	(1)	21	8
P1	O	---	1005-601-7513	SPRING: cover extractor (6017513)-----	1	1	(1)	(1)	(1)	(1)	21	9
P1	O	---	5310-013-8528	WASHER, LOCK: S, phos-fin., 0.150 id, 0.295 od, 0.021 thk (96906-35333-54).	1	1	(1)	(1)	(1)	(1)	21	2
P1	O	---	5310-013-8544	WASHER, LOCK: int-teeth, S, phos-ctd, $\frac{3}{8}$ bolt size (96906-35333-59).	1	1	(1)	(1)	(1)	(1)	21	11

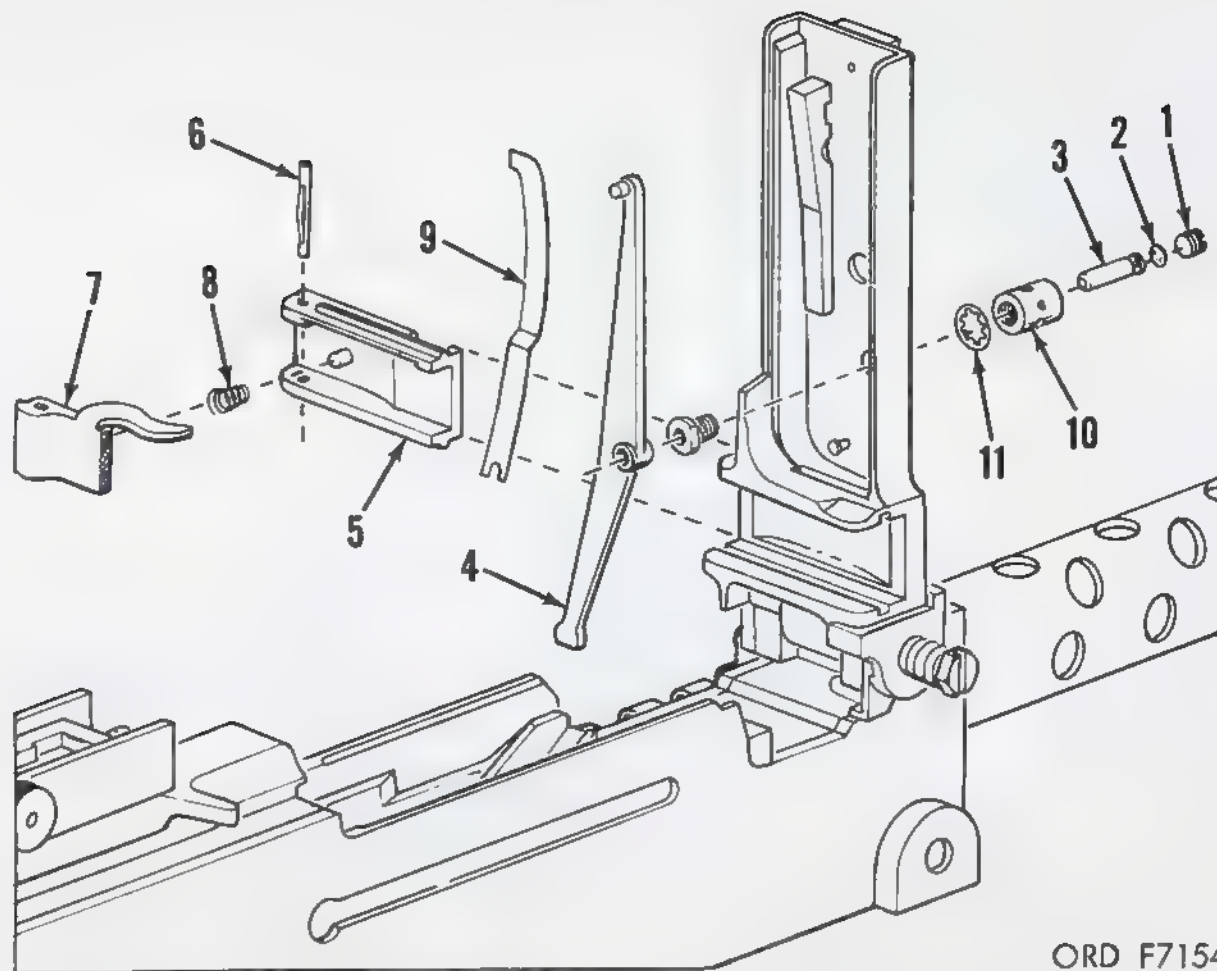
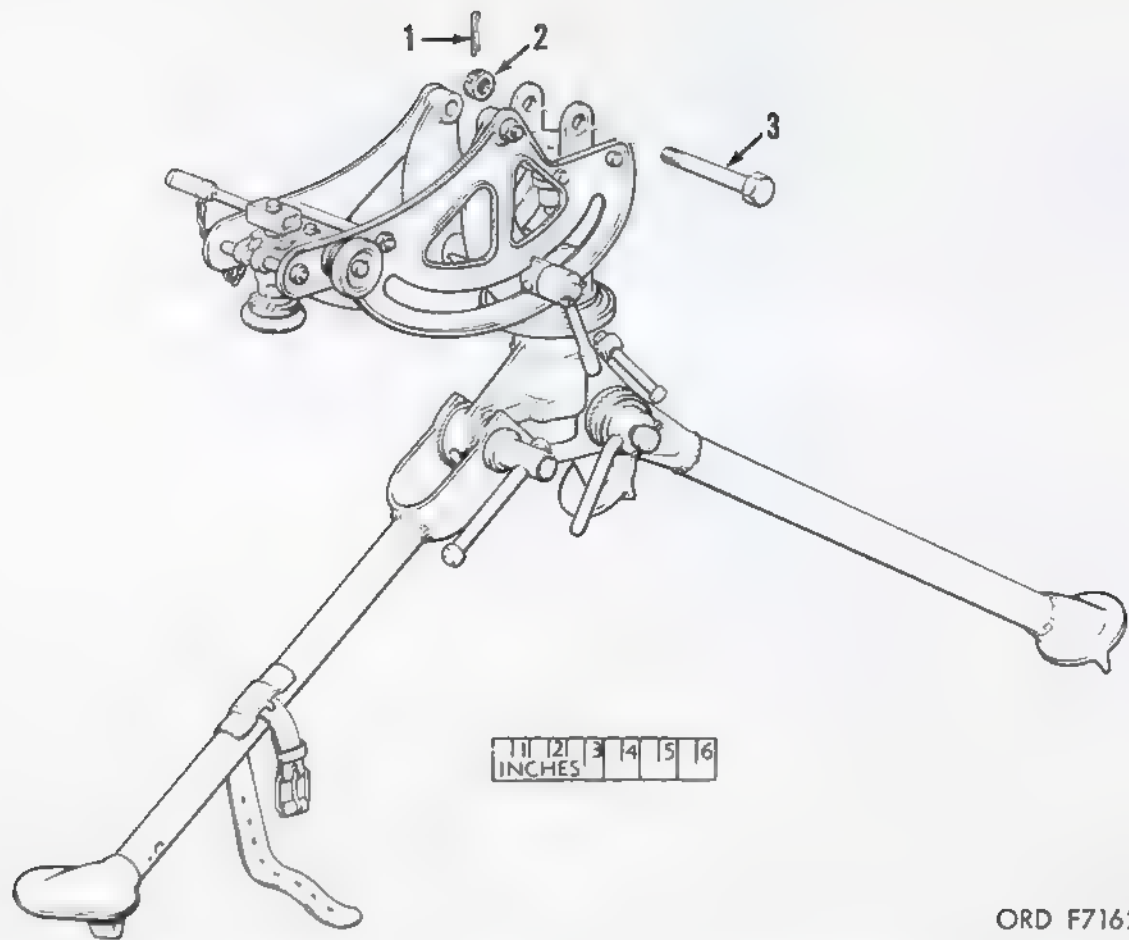


Figure 21. Cover group for machine guns M1917A1, M1919A4, and M1919A6.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Materiel numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
					REPAIR PARTS FOR:								
					MOUNT, TRIPOD, MACHINE GUN: CAL .30, M1917A1								
P1	O	---	---	5306-513-9973	BOLT, MACHINE: S, hex-hd, $\frac{9}{16}$ -18UNF-2A, $3\frac{11}{32}$ lg (5139973).	1	1	(1)	(1)	(1)	(1)	22	3
P	O	---	---	5310-513-9964	NUT, SLOTTED, HEXAGON: S, $\frac{9}{16}$ -18UNF-2 (5139964).	1	1	(1)	(1)	(1)	(1)	22	2
P1	O	---	---	5315-013-7195	PIN, COTTER: S, phos-ctd, $\frac{1}{8}$ x $1\frac{1}{4}$ (137195).	1	1	(1)	(1)	(1)	(1)	22	1

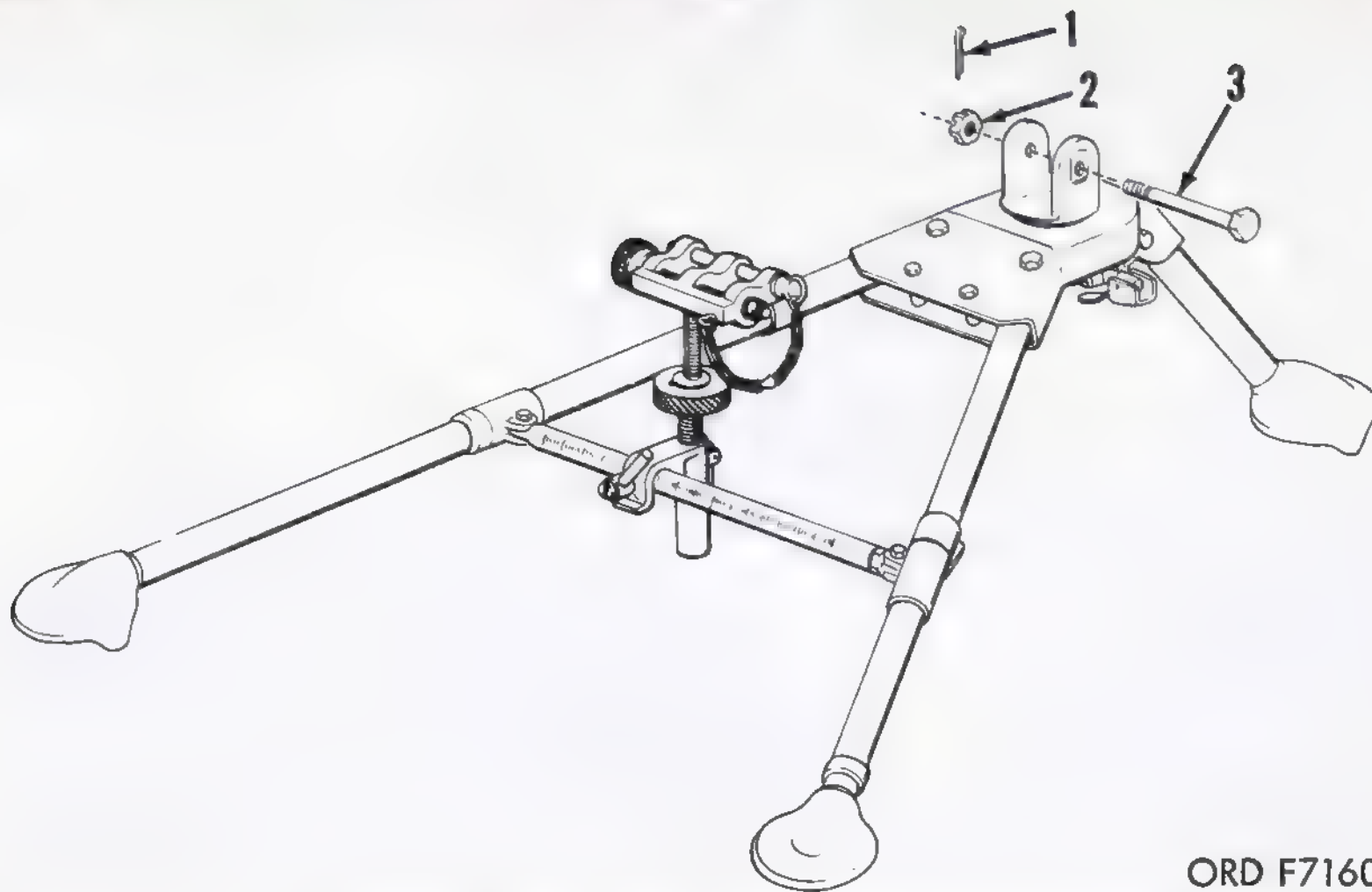


ORD F7162

Figure 22. Repair parts for machine gun tripod mount M1917A1.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
REPAIR PARTS FOR:													
MOUNT, TRIPOD, MACHINE													
GUN: CAL .30, M2													
P1	(O)	---	---	5306-513-9973	BOLT, MACHINE: S, hex-hd, $\frac{9}{16}$ -18UNF-2A, $3\frac{11}{32}$ lg (5139973).	1	1	(1)	(1)	(1)	(1)	23	3
P	(O)	---	---	5310-513-9964	NUT, SLOTTED, HEXAGON: S, pintle bolt $\frac{9}{64}$ -18NF-2, $\frac{25}{64}$ thk (5139964).	1	1	(1)	(1)	(1)	(1)	23	2
P1	(O)	---	---	5315-013-7195	PIN, COTTER: S, phos-ctd, $\frac{1}{8}$ dia, $1\frac{1}{4}$ lg (137195).	1	1	(1)	(1)	(1)	(1)	23	1

(1) Source, maintenance, and recoverability code				(2)	(3)	(4)	(5)	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Material numerical code	(B)	(C)	(D)	Federal stock No.	Description	Unit of issue	Qty inc unit	A	B	C	D	A	B
	Source	Maint level	Recover- ability					1-6	7-20	21-50	51-100	Figure No.	Item No.
P1	O	---	---	5305-513-9989	SCREW, MACHINE: S, button hd, phos-ctd, No. 10 (0.190) -32NF-2A, $\frac{5}{16}$ lg (5139989).	1	1	(1)	(1)	(1)	(1)		
P1	O	---	---	5310-012-5754	WASHER, LOCK: S, ext-teeth, phos-ctd, No. 12 (0.216) screw size (125754).	1	1	*	*	*	*		



ORD F7160

Figure 23. Repair parts for machine gun tripod mount M2.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day mainte- nance per equipment density spread				(7) Illus- tration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
					REPAIR PARTS FOR: MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74 (NONE AUTHORIZED) ROD, CLEANING, SMALL ARMS: M1								
P1	O			1005-601-7660	SWAB HOLDER SECTION, SMALL ARMS CLEANING ROD: (6017660).	1	1	*	*	*	*	7	7A

TOOLS AND EQUIPMENT
AUTHORIZED FOR UNIT
REPLACEMENT

MACHINE GUN, CALIBER .30:
M1917A1 BROWNING

MACHINE GUN, CALIBER .30:
M1919A4 BROWNING

MACHINE GUN, CALIBER .30:
M1919A6 BROWNING

	1005-556-4174	BRUSH, CLEANING, SMALL ARMS: bore (5564174).	1	(1)	(1)	(2)	(4)	7	1
	1005-691-1381	BRUSH, CLEANING, SMALL ARMS: chamber (7790582).	1	(1)	(1)	(1)	(2)	7	2
	1005-555 9762	CASE: steam condensing device, cal .30 (5559762) (M1917A1 only).	1	1	1	1	1	5	1
	1005-550-6573	CASE, SMALL ARMS CLEANING ROD: cal .30, M1 (5506573).	1	*	*	*	*	7	3
R	1005-653-0780	COVER: machine gun, cal .30, M7 (6530780) (M1917A1 only).	1	*	*	*	*	8	2

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty in unit	(6) 15-day mainte- nance per equipment density spread				(7) Illus- tration	
(A) Materiel numerical code	(P) Source	(C) Maint level	(D) Recover- ability					A 1-6	B 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
		R		1005-653-1749	COVER: mach gun, cal .30, M13 (6531749) (M1919A4 only).	1	----	*	*	*	*		
				1005-559-3026	COVER: spare barrel (5593026)-----	1	----	*	*	*	*	7	4
				1005-653-5394	DEVICE: steam condensing (6535394) (M1917A1 only).	1	----	1	1	1	2	8	3
				1005-555-9696	ENVELOPE: spare parts, M1, 4 X 3 (5559696).	1	----	*	*	*	*	7	5
				4933-652-9950	EXTRACTOR, RUPTURED CAR- TRIDGE CASE: (7790352).	1	----	(1)	(1)	(1)	(1)	7	6
				1005-716-2298	FLASH HIDER: cal .30, MS (7162298) (M1917A1 only).	1	----	(1)	(1)	(1)	(1)	8	5

1005-049-9210	FLASH HIDER: M6 (5750054) (M1919-A4 only).	1	(1)	(1)	(1)	(1)	9	1
1005-731-3084	HANDLE: carrying (7313084) (M1917A1 only).	1	(1)	(1)	(1)	(1)	8	4
1005-731-2973	HANDLE ASSEMBLY: carrying (7312973) (Equipment for M1919A4 only).	1	*	*	*	*	9	2
1005-650-8237	ROD, CLEANING, SMALL ARMS: M1 (6508237).	1	(1)	(1)	(1)	(1)	7	7
4933-556-8334	WRENCH, COMBINATION: M6 (5568334).	1	(1)	(1)	(1)	(1)	7	8
MOUNT, TRIPOD, MACHINE GUN: CAL .30, M1917A1								
1005-557-3157	BAG, HAND TOOLS: carrying (5573157).	1	(1)	(1)	(1)	(1)	10	1
1005-650-7513	COVER: cradle, M1 (6507513).	1	1	1	1	1	10	2
4933-516-5441	WRENCH: combination, M5 (5165441).	1	(1)	(1)	(1)	(1)	10	3
5120-516-3925	WRENCH: elevating mechanism, M8 (5163925).	1	(1)	(1)	(1)	(1)	10	4
MOUNT, TRIPOD, MACHINE GUN: CAL .30, M2								
1005-659-1428	COVER, TRIPOD MOUNT: (6591428).	1	*	*	*	*	11	

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day mainte- nance per equipment density spread				(7) Illus- tration	
(A) Materiel numerical code	(E) Source	(C) Main level	(D) Recover- ability					A 1-6	P 7-20	C 21-50	D 51-100	A Figure No.	B Item No.
					MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74								
				1005-557-3157	BAG, HAND TOOLS: (5573157).....	1	----	(1)	(1)	(1)	(1)	12	1
				1010-714-8796	COVER, CRADLE: (7148796).....	1	----	*	*	*	*	12	2
				5120-198-5392	KEY, SOCKET HEAD SCREW: hex- type, $\frac{5}{32}$ across flats, L-type hdl, $2\frac{1}{2}$ lg (41-W-2451).	1	----	(1)	(1)	(1)	(1)	12	3
					ORGANIZATIONAL MAINTENANCE TOOLS AND EQUIPMENT								

(FOR ARMORERS USE)

The 15-day level is not applicable.

MACHINE GUN, CALIBER .30:
M1917A1 BROWNING

MACHINE GUN, CALIBER .30:
M1919A4 BROWNING

MACHINE GUN, CALIBER .30:
M1919A6 BROWNING

1005-650-7349	ROLL, ORDNANCE WEAPONS SPARE PARTS: M13 (6507349).	1	---	2	2	2	2	24	1
1005-288-3565	SWAB, SMALL ARMS CLEANING: cotton, 2½ sq (1000 in pkg) (5019316).	Pkg	--	(1)	(1)	(1)	(1)		
4933-614-7277	WRENCH, SOCKET: barrel bearing plug, cal .30 (6147277) (M1919A4 and M1919A6 only).	1	---	(1)	(1)	(1)	(1)	24	2

MOUNT, TRIPOD,
MACHINE GUN: CAL. 30 M1917A1

(NONE AUTHORIZED)

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Materiel numerical code	(P) Source	(C) Maint level	(D) Recover- ability					A	B	C	D	A Figure No.	B Item No.
					MOUNT, TRIPOD, MACHINE GUN: CAL .30, M2 (NONE AUTHORIZED) MOUNT, TRIPOD, MACHINE GUN—RIFLE: M74 (NONE AUTHORIZED)			1-6	7-20	21-50	51-100		

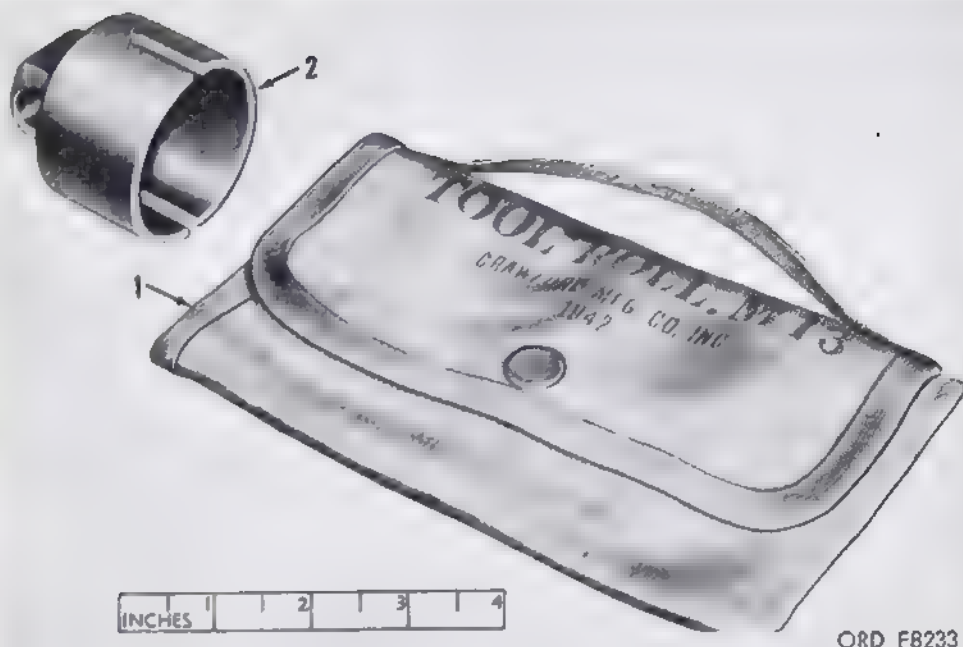


Figure 2/4. Tools and equipment.

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day mainte- nance per equipment density spread				(7) Illus- tration	
(A) Material numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A	B	C	D	A Figure No.	B Item No.
								1-6	7-20	21-50	51-100		
					MATERIAL REQUIRED FOR COLD WEATHER OPERATIONS								
					The following item will be requisitioned as required for use in cold weather operation.								
					COOLANT (FOR M1917A1 ONLY)								
					ANTIFREEZE: permanent type, ethyl- ene-glycol type (type I) (O-A-548).								
3				6850-243-1992	1 gal cntr, domestic packed	1							
3				6850-243-1993	1 gal cntr, export packed	1							

3	6850-224-8730	5 gal entr	1
3	6850-243-1990	55 gal dr	1

CLEANING AND PRESERVING MATERIALS

The following items are requisitioned as required.

5	8020-244-0153	BRUSH, ARTISTS: metal, ferrule, flat, chisel edges, $\frac{7}{16}$ w, $1\frac{1}{8}$ lg exposed bristle (96906-16840).	1
10	7920-205 2401	BRUSH, CLEANING, TOOL AND PARTS: rd, 100 percent tampico fiber, $1\frac{1}{16}$ at ferrule brush dia, $2\frac{7}{8}$ clear of block brush lg (96906-16746-29).	1
3	6850-620-0610	CARBON REMOVING COMPOUND: (P-C-111A) (5 gal can).	1
		CLEANING COMPOUND, SOLVENT: small arms bore cleaner, solution type (PD 126).	1
3	6850-682-6835	2 oz can	1
3	6850-682-6834	6 oz can	1
3	6850-682-6833	1 qt can	1
3	6850-682-6832	1 gal can	1

(1) Source, maintenance, and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Qty inc unit	(6) 15-day maintenance per equipment density spread				(7) Illustration	
(A) Materiel numerical code	(B) Source	(C) Maint level	(D) Recover- ability					A	B	C	D	A	B
								1-6	7-20	21-50	51-100	Figure No.	Item No.
3				5350-221-0872	CLOTH, ABRASIVE: crocus, ferric oxide and quartz, jean-cloth-backing, closed coating, 9 w, 11 lg (42-C-20420-50).	1							
3				6850-281-1985	DRY CLEANING SOLVENT: (SD) (1 gal can).	1							
					LUBRICATING OIL, GENERAL PURPOSE: (PL special)								
10				9150-273-2389	4 oz can	1							
10				9150-231-6689	1 qt can	1							

10		9150-292-9689 LUBRICATING OIL, WEAPONS: (LAW) for below zero operations (1 qt can).	1						
10		7920-205-1711 RAG, WIPING: cotton, for general pur- pose use (50 lb bale) (96906 16746-131).	1						

SECTION IV

MAINTENANCE ALLOCATION CHART

1. Purpose

To allocate specific maintenance operations to the proper maintenance level on the basis of time, tools and skills normally available to various maintenance levels in combat situations and influenced by maintenance policy and sound maintenance practices.

2. Explanations and Definitions

The maintenance allocation chart designates overall responsibility for the maintenance function of an end item or assembly. Repair and or overhaul of major assemblies is designated by authority of the Army commander representative, except for the specific repair subfunctions listed in the maintenance allocation charts. Deviation from maintenance operations allocated in the maintenance allocation charts is authorized only upon approval of the Army commander representative.

SERVICE

To clean, preserve, and lubricate.

REPAIR

To restore to a serviceable condition by replacing unserviceable parts or by any other action required utilizing tools, equipment and skills available, to include riveting, straightening, adjusting, etc.

REPLACE

To substitute serviceable assemblies, subassemblies, and parts for un-serviceable items.

OVERHAUL

To restore to a serviceable condition by disassembling the item to determine the condition of each of its component parts and re-assembling it using serviceable or new assemblies, subassemblies, and parts.

SYMBOL "X"

The symbol "X" placed in the appropriate column indicates the maintenance level responsible for performing that particular maintenance operation, but does not necessarily indicate that repair parts will be stocked at that level. Maintenance levels higher than the level marked by X are authorized to perform the indicated operation.

3. Explanation of Maintenance Levels

O/C	Operator or Crew
O	Organizational
DS	Direct Support
GS	General Support
D	Depot

Maintenance Allocation Chart

(1) Group No.	(2) Component and related operations	(3) Maintenance levels				
		O/C	O	DS	GS	D
	MACHINE GUN, CAL. .30, M1917A1					
1	Back Plate Assembly:					
	Service	x				
	Repair			x		
	Replace			x		
	Overhaul					x
2	Bolt Group:					
	Service	x				
	Repair		x			
	Replace			x		
	Overhaul					x
3	Lock Frame Group:					
	Service	x				
	Repair		x			
	Replace			x		
	Overhaul					x
4	Barrel Extension Group:					
	Service	x				
	Repair		x			
	Replace			x		
	Overhaul					x
5	Barrel:					
	Service	x				
	Replace		x			
6	Cover and Rear Sight Group:					
	Service	x				
	Repair		x			
	Replace					x
	Overhaul					x

(1) Group No.	(2) Component and related operations	(3) Maintenance levels				
		O/C	O	DS	GS	D
7	Casing, W/Water Jacket Assembly: Service..... Repair..... Overhaul.....	x	x			x
	MACHINE GUN, CAL. .30, M1919A4					
1	Back Plate Assembly: Service..... Repair..... Replace..... Overhaul.....	x		x x		x
2	Bolt Group: Service..... Repair..... Replace..... Overhaul.....	x	x	x		x
3	Lock Frame Group: Service..... Repair..... Replace..... Overhaul.....	x	x	x		x
4	Barrel Extension Group: Service..... Repair..... Replace..... Overhaul.....	x	x	x		x
5	Barrel Assembly: Service..... Replace.....	x x				

(1) Group No.	(2) Component and related operations	(3) Maintenance levels				
		O/C	O	DS	GS	D
6	Cover Group:					
	Service	X				
	Repair		X			
	Replace			X		
	Overhaul					X
7	Casing Group:					
	Service	X				
	Repair		X			
	Overhaul					X
8	Barrel Jacket Group:					
	Service	X				
	Repair		X			
	Replace				X	
	Overhaul					X
	MACHINE GUN, CAL. .30, M1919A6					
1	Back Plate Assembly:					
	Service	X				
	Repair			X		
	Replace			X		
	Overhaul					X
2	Bolt Group:					
	Service	X				
	Repair		X			
	Replace			X		
	Overhaul					X
3	Lock Frame Group:					
	Service	X				
	Repair		X			
	Replace			X		
	Overhaul					X

(1) Group No.	(2) Component and related operations	(3) Maintenance levels				
		O/C	O	DS	GS	D
4	Barrel Extension Group:					
	Service	X				
	Repair		X			
	Replace			X		
	Overhaul					X
5	Barrel Assembly:					
	Service	X				
	Replace	X				
6	Cover Group:					
	Service	X				
	Repair		X			
	Replace			X		
	Overhaul					X
7	Casing Group:					
	Service	X				
	Repair		X			
	Overhaul					X
8	Barrel Jacket Group:					
	Service	X				
	Repair		X			
	Replace				X	
	Overhaul					X
9	Shoulder Stock Assembly:					
	Service	X				
	Repair			X		
	Replace			X		
	Overhaul					X
10	Flash Hider Group:					
	Service	X				
	Repair			X		
	Replace			X		
	Overhaul					X

(1) Group No.	(2) Component and related operations	(3) Maintenance levels				
		O/C	O	DS	GS	D
11	Bipod Assembly:					
	Service	x				
	Repair			x		
	Overhaul					x
12	Carrying Handle Assembly:					
	Service	x				
	Replace		x			
	Overhaul					x
	MOUNT, TRIPOD, MACHINE GUN, M1917A1					
1	Cradle Assembly:					
	Service	x				
	Repair		x			
	Overhaul					x
2	Socket and Leg Groups					
	Service	x				
	Repair			x		
	Overhaul					x
	MOUNT, TRIPOD, MACHINE GUN, M2					
1	Head and Leg Groups:					
	Service	x				
	Repair		x			
	Overhaul					x
2	Elevating and Traversing Assembly:					
	Service	x				
	Repair		x			
	Replace			x		
	Overhaul					x

(1) Group No.	(2) Component and related operations	(3) Maintenance levels				
		O/C	O	DS	GS	D
	MOUNT, TRIPOD, MACHINE GUN— RIFLE, M74					
1	Cradle Assembly					
	Service	x				
	Repair			x		
	Overhaul					x
2	Socket and Leg Groups:					
	Service	x				
	Repair			x		
	Overhaul					x

By Order of the Secretary of the Army:

HAROLD K. JOHNSON,
General, United States Army,
Chief of Staff.

Official:

J. C. LAMBERT,
Major General, United States Army,
The Adjutant General.

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NG: State AG (3); units—same as active Army except allowance is one copy to each unit.

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For explanation of abbreviations used, see AR 320-50.

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